

**SCHOOL DISTRICT NO. 17  
NOTICE OF MEETING**

Notice is hereby given of a Board of Education meeting of School District No. 17, in the County of Douglas, which will be held at 6:00 p.m. on **Monday, November 19, 2018** at 5606 South 147th Street, Omaha, Nebraska. Agenda for such meeting, kept continuously current, is available for public inspection at the office of the superintendent at 5606 South 147th Street, Omaha, Nebraska.

Amanda McGill Johnson  
Secretary

11-16-18

**THE DAILY RECORD  
OF OMAHA**

**LYNDA K. HENNINGSSEN, Publisher  
PROOF OF PUBLICATION**

**UNITED STATES OF AMERICA,**  
**The State of Nebraska,**  
**District of Nebraska,**  
**County of Douglas,**  
**City of Omaha,** } **ss.**

**J. BOYD**

being duly sworn, deposes and says that she is

**LEGAL EDITOR**

of **THE DAILY RECORD**, of Omaha, a legal newspaper, printed and published daily in the English language, having a bona fide paid circulation in Douglas County in excess of 300 copies, printed in Omaha, in said County of Douglas, for more than fifty-two weeks last past; that the printed notice hereto attached was published in **THE DAILY RECORD**, of Omaha, on November 16, 2018

**That said Newspaper during that time was regularly published and in general circulation in the County of Douglas, and State of Nebraska.**

GENERAL NOTARY - State of Nebraska  
ELLEN FREEMAN  
My Comm. Exp. December 11, 2021

Subscribed in my presence and sworn to before  
16th

**Publisher's Fee** \$ 15.50 me this 16th **November** 18 **day of**  
**Additional Copies** \$ 15.50 **20**  
**Total** \$ \_\_\_\_\_

**Notary Public in and for Douglas County,  
State of Nebraska**

**ACKNOWLEDGMENT OF RECEIPT**

**OF NOTICE OF MEETING**

The undersigned members of the Board of Education of Millard, District #017, Omaha, Nebraska, hereby acknowledge receipt of advance notice of a meeting of said Board of Education and the agenda for such meeting held at 6:00 P.M. on November 19, 2018, at the Don Stroh Administration Center, 5606 South 147 Street, Omaha, NE 68137

Dated this 19th day of November, 2018



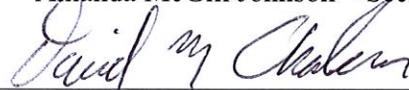
Mike Pate – President



Linda Poole – Vice President



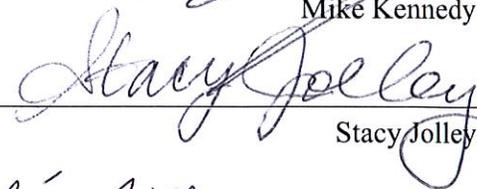
Amanda McGill Johnson – Secretary



Dave Anderson – Treasurer



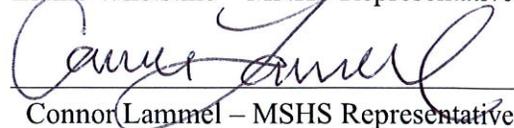
Mike Kennedy



Stacy Jolley



Elaine Whetstone – MNHS Representative



Connor Lammel – MSHS Representative



Boris Shabaltiy – MWHS Representative





**BOARD OF EDUCATION  
MEETING**



**November 19, 2018**

BOARD OF EDUCATION  
MILLARD PUBLIC SCHOOLS  
OMAHA, NEBRASKA

BOARD MEETING  
NOVEMBER 19, 2018  
6:00 P.M.

DON STROH ADMINISTRATION CENTER  
5606 SOUTH 147TH STREET

AGENDA

A. **Call to Order**

**The Public Meeting Act is posted on the wall and available for public inspection.**

B. **Pledge of Allegiance**

C. **Roll Call**

D. **Showcase** - Recognition of Students

E. **Public Comments on agenda items** – This is the proper time for public questions and comments on agenda items only. Please make sure a request form is given to the Board President before the meeting begins.

F. **Routine Matters**

1. \*Approval of Board of Education Minutes November 5, 2018
2. \*Approval of Bills and receive the Treasurer's Report and Place on File

G. **Information Items**

1. Superintendent's Comments
2. Board Comments/Announcements
3. Report from Student Representatives

H. **Unfinished Business**

1. Second Reading and Approval of Policy 5470: Student Services - Police Questioning and Apprehension
2. Second Reading and Approval of Policy 5490: Student Services - Use of Alcohol and other Drug Testing Technology
3. Second Reading and Approval of Policy 5495: Student Services - Corporal Punishment
4. Second Reading and Approval of Policy 8250: Internal Board Policies - Conflicts of Interest
5. Second Reading and Approval of Policy 8225: Internal Board Policies - Use of Public Funds

I. **New Business**

1. First Reading of Policy 3621: Support Services - Construction Professional Services - Architects and Engineers
2. First Reading of Policy 3622: Support Services - Construction Professional Services - School District Attorney
3. Approval of Rule 5470.1: Student Services - Procedures for Law Enforcement Questioning and Apprehension of Students
4. Approval of Rule 5490.1: Student Services - Use of Alcohol and other Drug Testing Technology
5. Approval of Rule 5495.1: Student Services - Corporal Punishment and Physical Contact
6. Approval of Rule 5495.2: Student Services - Restraint and Seclusion
7. Approval of Rule 6130.1: Curriculum, Instruction, and Assessment - Written Curriculum: Curriculum Frameworks
8. First Reading of Policy 8220: Internal Board Policies - Opportunities for Development
9. Reaffirm Policy 8270: Internal Board Policies - Remembrances and Congratulations

10. Reaffirm Policy 8330: Internal Board Policies - Formulation of Administrative Regulations
11. Approval of Within District Transfer Capacity Standards for 2019-20 School Year
12. Approval of Option Enrollment Capacity Standards for 2019-20 School Year
13. Approval of 2019-2020 High School Curriculum Handbook and Registration Guide
14. Approval of Legislative Standing Positions
15. Approval of Personnel Actions: Resignation Notification Incentive (RNI), Voluntary Separation Program (VSP), Contract Addendum
16. Executive Session: Evaluation

**J. Reports**

1. 2018 United Way Campaign Summary Report
2. 2018 Millard Foundation Campaign Summary
3. 2018 Personnel Report
4. International Baccalaureate Diploma Program Report
5. Enrollment Report (October 1)

**K. Future Agenda Items/ Board Calendar**

1. No School for Students - Teacher Work Day on Wednesday, November 21, 2018
2. Thanksgiving Holiday – No School for Students and Staff November 22 & 23, 2018
3. Board of Education Meeting on Monday, December 3, 2018 at 6:00 p.m. at the Don Stroh Administration Center
4. Foundation Holiday Dinner on Thursday, December 6, 2018. Social - 6:30 p.m. Dinner - 7:30 p.m. at Shadow Ridge Country Club, 1501 S. 188th Plaza
5. Board of Education Holiday Party on December 12, 2018 (6:00 p.m. at United Republic Bank)
6. Winter Break - No School Monday, December 24, 2018 – January 4, 2019
7. School Resumes for Staff and Students on Monday, January 7, 2019
8. Board of Education Meeting on Monday, January 7, 2019 at 6:00 p.m. at the Don Stroh Administration Center
9. Committee of the Whole Meeting on Monday, January 14, 2019 at 6:00 p.m. at the Don Stroh Administration Center
10. No School for Students on January 21, 2019 for Martin Luther King Jr. Day – Staff Development Day
11. Board of Education Meeting on Monday, January 21, 2019 at 6:00 p.m. at the Don Stroh Administration Center

- L. Public Comments** - This is the proper time for public questions and comments on any topic. Please make sure a request form is given to the Board President before the meeting begins.

**M. Adjournment**

All items indicated by an asterisk (\*) will comprise the Consent Agenda and may be acted on in a single motion. Items may be deleted from the Consent Agenda by request of any board member.

BOARD OF EDUCATION  
MILLARD PUBLIC SCHOOLS  
OMAHA, NEBRASKA

BOARD MEETING  
NOVEMBER 19, 2018  
6:00 P.M.

DON STROH ADMINISTRATION CENTER  
5606 SOUTH 147TH STREET

ADMINISTRATIVE MEMORANDUM

A. Call to Order

**The Public Meeting Act is posted on the wall and available for public inspection.**

B. Pledge of Allegiance

C. Roll Call

D. Showcase - Recognition of Students

E. Public Comments on agenda items – This is the proper time for public questions and comments on agenda items only.  
Please make sure a request form is given to the Board President before the meeting begins.

F.1\* Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve the Board of Education Minutes from November 5, 2018 (See enclosure.)

F.2\* Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve the bills, receive the Treasurer's Report and Place on File. (See enclosure)

G.1 Superintendent's Comments

G.2 Board Comments/Announcements

G.3 Report from Student Representatives

H.1 Second Reading by \_\_\_\_\_. Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve Policy 5470: Student Services - Police Questioning and Apprehension. (See enclosure)

H.2 Second Reading by \_\_\_\_\_. Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve Policy 5490: Student Services - Use of Alcohol and other Drug Testing Technology. (See enclosure)

H.3 Second Reading by \_\_\_\_\_. Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve Policy 5495: Student Services - Corporal Punishment. (See enclosure)

H.4 Second Reading by \_\_\_\_\_. Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve Policy 8250: Internal Board Policies - Conflicts of Interest. (See enclosure)

H.5 Second Reading by \_\_\_\_\_. Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve Policy 8225: Internal Board Policies - Use of Public Funds. (See enclosure)

- I.1 First Reading of Policy 3621: Support Services - Construction Professional Services - Architects and Engineers. (See enclosure)
- I.2 First Reading of Policy 3622: Support Services - Construction Professional Services - School District Attorney. (See enclosure)
- I.3 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve Rule 5470.1: Student Services - Procedures for Law Enforcement Questioning and Apprehension of Students. (See enclosure)
- I.4 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve Rule 5490.1: Student Services - Use of Alcohol and other Drug Testing Technology. (See enclosure)
- I.5 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve Rule 5495.1: Student Services - Corporal Punishment and Physical Contact. (See enclosure)
- I.6 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve Rule 5495.2: Student Services - Restraint and Seclusion. (See enclosure)
- I.7 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve Rule 6130.1: Curriculum, Instruction, and Assessment - Written Curriculum: Curriculum Frameworks. (See enclosure)
- I.8 First Reading of Policy 8220: Internal Board Policies - Opportunities for Development. (See enclosure)
- I.9 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to reaffirm Policy 8270: Internal Board Policies - Remembrances and Congratulations. (See enclosure)
- I.10 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to reaffirm Policy 8330: Internal Board Policies - Formulation of Administrative Regulations. (See enclosure)
- I.11 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve the Within District Transfer Capacity Standards for 2019-20 School Year. (See enclosure)
- I.12 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve the Option Enrollment Capacity Standards for 2019-20 School Year. (See enclosure)
- I.13 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve the 2019-2020 High School Curriculum Handbook and Registration Guide. (See enclosure)
- I.14 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve the Legislative Standing Positions. (See enclosure)
- I.15 Motion by \_\_\_\_\_, seconded by \_\_\_\_\_, to approve Personnel Actions: Resignation Notification Incentive (RNI), Voluntary Separation Program (VSP), Contract Addendum. (See enclosure)
- I.16 Executive Session: Evaluation

J. Reports

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## 5. Enrollment Report (October 1)

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All items indicated by an asterisk (\*) will comprise the Consent Agenda and may be acted on in a single motion. Items may be deleted from the Consent Agenda by request of any board member.

MILLARD PUBLIC SCHOOLS  
SCHOOL DISTRICT NO. 17

A meeting of the Board of Education of the School District No. 17, in the county of Douglas in the state of Nebraska was convened in open and public session at 6:00 p.m., Monday, November 5, 2018, at the Don Stroh Administration Center, 5606 South 147<sup>th</sup> Street.

Notice of this meeting was given in advance thereof by publication in the Daily Record on Friday, November 2, 2018; a copy of the publication is being attached to these minutes. Notice of this meeting was given to all members of the Board of Education and a copy of their Acknowledgment of Receipt of Notice and the agenda are attached to these minutes. Availability of the agenda was communicated in advance notice and in the notice of the Board of Education of this meeting. All proceedings hereafter shown were taken while the convened meeting was open to the attendance of the public.

President Mike Pate announced that the open meeting laws are posted and available for public inspection and asked everyone to join in the Pledge of Allegiance.

Roll call was taken. Mr. Kennedy, Mrs. Jolley, Mr. Pate, Mrs. Poole, Mr. Anderson, and Mrs. McGill Johnson were present.

Awards were presented to Employees of the Month, Brian Cleary, ACP Teacher from Beadle Middle School and Diane Krzemien, Warehouse Assistant for the District

Mr. Pate announced this is the proper time for public questions and comments on agenda items only. There were no requests to speak on agenda items.

Motion was made by Linda Poole, seconded by Mike Kennedy, to approve the Board of Education minutes for October 1, 2018, approve the bills and receive the treasurer's report and place on file. Voting in favor of said motion was: Mrs. Jolley, Mr. Pate, Mrs. Poole, Mr. Anderson, Mrs. McGill Johnson, and Mr. Kennedy. Voting against were: None. Motion carried.

**Superintendent's Comments:**

None

**Board Comments:**

Mike Kennedy:

Mr. Kennedy mentioned a great story in the paper recently regarding ACT scores. He thanked our teachers and students for a great job on building the ACT culture.

Stacy Jolley:

Mrs. Jolley congratulated Dr. Kevin Chick on earning his doctorate. She also shared she has concluded all of her schools visits and has now visited every school in the district. She said it was absolutely fantastic and she learned a great deal about the district's needs. Mrs. Jolley thanked administration, principals, teachers and students who took time to show her around.

Linda Poole:

Mrs. Poole congratulated Dr. Chick as well on his accomplishment. She also wished the board candidates who are up for re-election tomorrow good luck. Mrs. Poole also said the State Ed Conference is coming up and she will present at a 3:30 pm session. She said Stacy Jolley will represent her at the Legislative Committee and as the delegate. She is unable to miss school to attend. She will be at the External Accreditation Visit.

Dave Anderson:

Mr. Anderson said ditto.

Amanda McGill Johnson:

Mrs. McGill Johnson also said ditto and go vote tomorrow.

Mike Pate:

Mr. Pate congratulated Dr. Chick. He also wished the sitting board members good luck tomorrow. Mr. Pate also encouraged people to get out and vote tomorrow.

**Student Representative Update:**

Connor Lammel, student representative from Millard South High School, Boris Shabaltiy, student representative from Millard West High School, and Elaine Whestine, student representative from Millard North High School reported on the academic and athletic happenings at their respective schools.

**Unfinished Business:**

Second Reading by Amanda McGill Johnson. Motion by Amanda McGill Johnson, seconded by Dave Anderson, to approve of Policy 3641: Support Services - Construction Procedures - Bidding. Voting in favor of said motion was: Mr. Anderson, Mrs. McGill Johnson, Mr. Kennedy, Mrs. Jolley, Mr. Pate, and Mrs. Poole. Voting against were: None. Motion carried.

Second Reading by Dave Anderson. Motion by Dave Anderson, seconded by Stacy Jolley, to approve of Policy 3814: Support Services - Transportation. Voting in favor of said motion was: Mr. Kennedy, Mrs. Jolley, Mr. Pate, Mrs. Poole, Mr. Anderson, and Mrs. McGill Johnson. Voting against were: None. Motion carried.

**New Business:**

Motion by Stacy Jolley, seconded by Linda Poole, to reaffirm Policy 3622: Support Services - Construction Professional Services - School Attorney. *Mr. Pate asked if the language of school attorney was appropriate or should it be district attorney. Mrs. Poole suggested the change in wording to be School District Attorney.* The item was tabled and asked to be brought back to the next meeting with the requested changes.

Motion by Stacy Jolley, seconded by Linda Poole, to reaffirm Rule 3622.1: Support Services - Construction Professional Services - School Attorney. This rule is related to the above policy and was also tabled until the next meeting.

Motion by Linda Poole, seconded by Stacy Jolley, to reaffirm Policy 3646: Support Services - Construction Procedures - Closings. Voting in favor of said motion was: Mrs. McGill Johnson, Mr. Kennedy, Mrs. Jolley, Mr. Pate, Mrs. Poole, and Mr. Anderson. Voting against were: None. Motion carried.

Motion by Linda Poole, seconded by Dave Anderson, to reaffirm Policy 4141: Human Resources - School Day for Staff. Voting in favor of said motion was: Mrs. Poole, Mr. Anderson, Mrs. McGill Johnson, Mr. Kennedy, Mrs. Jolley, and Mr. Pate. Voting against were: None. Motion carried.

Motion by Linda Poole, seconded by Stacy Jolley, to approve Rule 4141.1: Human Resources - School Day for Staff. Voting in favor of said motion was: Mr. Pate, Mrs. Poole, Mr. Anderson, Mrs. McGill Johnson, Mr. Kennedy, and Mrs. Jolley. Voting against were: None. Motion carried.

Motion by Stacy Jolley, seconded by Linda Poole, to reaffirm Policy 4600: Human Resources - Staff Memorials. Voting in favor of said motion was: Mrs. Jolley, Mr. Pate, Mrs. Poole, Mr. Anderson, Mrs. McGill Johnson, and Mr. Kennedy. Voting against were: None. Motion carried.

Motion by Stacy Jolley, seconded by Dave Anderson, to approve Rule 4600.1: Human Resources - Staff Memorials. Voting in favor of said motion was: Mr. Anderson, Mrs. McGill Johnson, Mr. Kennedy, Mrs. Jolley, Mr. Pate, and Mrs. Poole. Voting against were: None. Motion carried.

Linda Poole gave the First Reading of Policy 5470: Police Questioning and Apprehension. *Mrs. Jolley shared her concern with the related rule 5470.1. The section regarding exigent circumstances clearly lists who will contact the parent(s) or guardian(s) in this instance. She would like to see this clearly listed in the section regarding non-exigent circumstances.*

Stacy Jolley gave the First Reading of Policy 5490: Use of Alcohol and other Drug Testing Technology.

Mike Kennedy gave the First Reading of Policy 5495: Corporal Punishment. *Mr. Pate asked if this policy should include SRO's? Director of Student Services Bill Jelkin said typically when an SRO becomes involved our staff step back and this becomes a police matter. He said Mr. Pate asks a great question. Mr. Jelkin shared he will be meeting with the head of OPD SRO's soon and he can ask for their input on this. Mr. Pate would like him to ask this and get back to the board. Mr. Anderson asked if this policy is clearly understood by staff? Mr. Jelkin said this policy has been around for a long time and staff receive training on a recurring bases. Jeff Miller from Young & White Law Office also shared the state statues are reviewed when the policy and rules are updated. He also shared they work closely with Mr. Jelkin's office to make sure procedures are consistent with state law.*

Motion by Dave Anderson, seconded by Stacy Jolley, to approve Rule 6330.1: Curriculum, Instruction, and Assessment-Grading Guidelines. *Associate Superintendent of Educational Services Heather Phipps shared this rule is being revised to change a D grade to be weighted and to include language reflecting grading practices for Dual Enrollment courses. Mr. Anderson asked why the weighted D grade jumped from 5 to 10? Dr. Phipps said a year ago as part of the Strategic Planning a student brought up the grading scale. This lead to a study of our Millard grading scale and brought up the question of why are A,B and C's weighted and not a D grade? The recommendation from the study was to weight the D grade.*

Voting in favor of said motion was: Mrs. McGill Johnson, Mr. Kennedy, Mrs. Jolley, Mr. Pate, Mrs. Poole, and Mr. Anderson. Voting against were: None. Motion carried.

Motion by Linda Poole, seconded by Stacy Jolley, to reaffirm Policy 6920: Curriculum, Instruction, and Assessment Community Resources. Voting in favor of said motion was: Mrs. Poole, Mr. Anderson, Mrs. McGill Johnson, Mr. Kennedy, Mrs. Jolley, and Mr. Pate. Voting against were: None. Motion carried.

Amanda McGill Johnson gave the First Reading of Policy 8225: Internal Board Policies - Use of Public Funds.

Linda Poole gave the First Reading of Policy 8250: Internal Board Policies - Conflicts of Interest.

Motion by Dave Anderson, seconded by Linda Poole, to reaffirm Policy 8260: Internal Board Policies - Employee Recognition. Voting in favor of said motion was: Mr. Pate, Mrs. Poole, Mr. Anderson, Mrs. McGill Johnson, Mr. Kennedy, and Mrs. Jolley. Voting against were: None. Motion carried.

Motion by Dave Anderson, seconded by Mike Kennedy, to appoint Dr. Jim Sutfin as the official representative to Educational Service Unit #3. Voting in favor of said motion was: Mrs. Jolley, Mr. Pate, Mrs. Poole, Mr. Anderson, Mrs. McGill Johnson, and Mr. Kennedy. Voting against were: None. Motion carried.

Motion by Dave Anderson, seconded by Linda Poole, to appoint Dr. Jim Sutfin as the No Child Left Behind/ESSA Grant Representative. Voting in favor of said motion was: Mr. Anderson, Mrs. McGill Johnson, Mr. Kennedy, Mrs. Jolley, Mr. Pate, and Mrs. Poole. Voting against were: None. Motion carried.

Motion by Linda Poole, seconded by Stacy Jolley, to approve Personnel Actions: Recommendation to Hire: Matthew A. Schartz, Emma C. Neil; Temporary Part-Time Administrator Recommendation to Hire: Nancy A. Brosamle; Contract Addendum: Andrea Lo. Voting in favor of said motion was: Mr. Kennedy, Mrs. Jolley, Mr. Pate, Mrs. Poole, Mr. Anderson, and Mrs. McGill Johnson. Voting against were: None. Motion carried.

Mr. Pate requested to move executive session to the end of the agenda. There was no objection.

**Reports:****Legislative Standing Positions Report**

Executive Director of Activities, Athletics & External Affairs Nolan Beyer said that each year we bring to the Board the Legislative Standing Positions which guide us through the next session. The Standing Positions listed in the report are the same as last year and no recommendations were brought this evening. Mr. Beyer added that we want to give the Board an opportunity to give feedback or guiding principles. He will bring them back to the Board for approval at the next Board of Education meeting.

**Summer School Report**

Director of Elementary and Early Childhood Education Andy DeFreece first thanked Dr. Kara Hutton for all her work with summer school. Mr. DeFreece shared that we had 1936 students participate in the summer school program and they took over 2400 courses. He also said students take summer school for a variety of reasons such as credit recovery, reinforce learning, or they are curious about a subject offered. He also shared about one third of the students also qualified for free or reduced lunch.

**Graduating Class of 2018 ACT Report**

Executive Director of Assessment, Research, and Evaluation Dr. Darin Kelberlau reminded the board that information listed is the students most recent ACT test score. So if a student takes the test their senior year, then that score is used. If they do not, it reverts back to their Junior year score. This year marks the first year in which all Nebraska students had an opportunity to complete the ACT during their junior year. The District ACT composite average is 22.2, again higher than the state average of 20.1. Trend lines show Millard maintaining strong ACT results that consistently outperform the state and nation.

Mrs. Jolley asked what is a passing score for a student to avoid having to take the ELO assessment? Dr. Phipps shared the score is determined by subject area.

Mr. Kennedy asked how are we are doing with the bottom percentile. Dr. Phipps shared our goal is to help all students show growth. This is done by teachers providing additional support and intervention.

Dr. Sutfin pointed out the shift that has occurred in the State of Nebraska. It wasn't too long ago that the "No Child Left Behind" was standard practice and this was about basic competency. Now we are under ESSA, the scale has changed and what we are measuring has changed. ACT which is very rigouse has replaced a basic competency test. Dr. Sutfin said the board will learn more about this in the upcoming months as we receive Nebraska State Assessment(NSA) results. These assessments are like a mini ACT test given to students grades 3-8. Two of the area will parallel to the adoption of our new math and language arts curriculum.

**Future Agenda Items/ Board Calendar:**

1. NASB State Education Conference on November 14-16, 2018 at the La Vista Conference Center/Embassy Suites
2. External Accreditation Team Visitation & Dinner on Sunday, November 18, 2018 at 5pm-7pm p.m. at the Don Stroh Administration Center
3. Board of Education Meeting on Monday, November 19, 2018 at 6:00 p.m. at the Don Stroh Administration Center
4. No School for Students - Teacher Work Day on Wednesday, November 21, 2018
5. Thanksgiving Holiday – No School for Students and Staff November 22 & 23, 2018
6. Board of Education Meeting on Monday, December 3, 2018 at 6:00 p.m. at the Don Stroh Administration Center
7. Foundation Holiday Dinner on Thursday, December 6, 2018. Social - 6:30 p.m. Dinner - 7:30 p.m. at Shadow Ridge Country Club, 1501 S. 188th Plaza
8. Board of Education Holiday Party on December 12, 2018 at 6:00 p.m. - 8:00 p.m. at United Republic Bank
9. Winter Break - No School Monday, December 24, 2018 – January 4, 2019

At 7:17 p.m. Dave Anderson made a motion to go into executive Session, seconded by Linda Poole. Voting in favor of said motion was: Mr. Kennedy, Mrs. Jolley, Mr. Pate, Mrs. Poole, Mr. Anderson, and Mrs. McGill Johnson. Voting against were: None. Motion carried.

Motion by Dave Anderson and seconded by Mike Pate to come out of executive Session at 8:30 p.m. Voting in favor of said motion was: Mr. Kennedy, Mrs. Jolley, Mr. Pate, Mrs. Poole, and Mr. Anderson. Voting against were: None. Motion carried. Mrs. McGill Johnson was absent from executive session.

  
Secretary, Amanda McGill Johnson

# **Millard Public Schools**

**November 19, 2018**

## Millard Public Schools Check Register Prepared for the Board Meeting for Nov 19, 2018

| Fund | Check Number | Check Date | Vendor Number | Vendor Name                        | Transaction Amount |
|------|--------------|------------|---------------|------------------------------------|--------------------|
| 01   | 460435       | 11/01/2018 | 133636        | BELLEVUE WEST HIGH SCHOOL          | \$144.00           |
|      | 460436       | 11/01/2018 | 134953        | NATIONAL ASSN FOR GIFTED CHILDREN  | \$2,753.00         |
|      | 460437       | 11/01/2018 | 142076        | NEBRASKA HONOR CHOIR               | \$304.50           |
|      | 460438       | 11/01/2018 | 101008        | NORFOLK HIGH SCHOOL                | \$0.00             |
|      | 460440       | 11/01/2018 | 068834        | UNIVERSITY OF NEBRASKA-LINCOLN     | \$125.00           |
|      | 460441       | 11/01/2018 | 139797        | US BANK NATIONAL ASSOCIATION       | \$100.00           |
|      | 460453       | 11/08/2018 | 142475        | JOSHUA DEAN ECHTINAW               | \$120.00           |
|      | 460454       | 11/08/2018 | 139745        | ANDREW J KUBIK                     | \$120.00           |
|      | 460455       | 11/08/2018 | 132518        | LINCOLN SOUTHWEST HIGH SCHOOL      | \$310.00           |
|      | 460456       | 11/08/2018 | 101008        | NORFOLK HIGH SCHOOL                | \$210.00           |
|      | 460457       | 11/08/2018 | 079310        | ROCKBROOK CAMERA CENTER            | \$22.00            |
|      | 460458       | 11/08/2018 | 135863        | RUDOLPH A VLCEK III                | \$60.00            |
|      | 460459       | 11/08/2018 | 138496        | WRIGHT EXPRESS FINANCIAL SVCS CORP | \$7,946.36         |
|      | 460460       | 11/08/2018 | 138505        | DANIEL P WOOTTON                   | \$120.00           |
|      | 460461       | 11/08/2018 | 135890        | YOUTH FRONTIERS INC                | \$10,200.00        |
|      | 460482       | 11/19/2018 | 106893        | WICHITA WATER CONDITIONING INC     | \$61.31            |
|      | 460499       | 11/19/2018 | 133397        | HY-VEE INC                         | \$1,146.76         |
|      | 460500       | 11/19/2018 | 132878        | HY-VEE INC                         | \$434.69           |
|      | 460501       | 11/19/2018 | 049850        | HY-VEE INC                         | \$749.94           |
|      | 460514       | 11/19/2018 | 132518        | LINCOLN SOUTHWEST HIGH SCHOOL      | \$111.00           |
|      | 460526       | 11/19/2018 | 138288        | PAPIO TRANSPORT SCHOOL SERVICE INC | \$7,880.00         |
|      | 460533       | 11/19/2018 | 141188        | SIOUX FALLS SCHOOL DISTRICT        | \$450.00           |
|      | 460540       | 11/19/2018 | 131446        | TOSHIBA FINANCIAL SERVICES         | \$1,124.00         |
|      | 460541       | 11/19/2018 | 131446        | TOSHIBA FINANCIAL SERVICES         | \$942.00           |
|      | 460542       | 11/19/2018 | 090242        | UNITED PARCEL SERVICE              | \$265.23           |
|      | 460543       | 11/19/2018 | 139797        | US BANK NATIONAL ASSOCIATION       | \$9,207.00         |
|      | 460547       | 11/19/2018 | 141432        | WELLS FARGO FINANCIAL LEASNG INC   | \$3,101.72         |
|      | 460548       | 11/19/2018 | 096200        | YOUNG & WHITE                      | \$14,732.67        |

## Millard Public Schools Check Register Prepared for the Board Meeting for Nov 19, 2018

| Fund              | Check Number | Check Date | Vendor Number                  | Vendor Name                         | Transaction Amount  |
|-------------------|--------------|------------|--------------------------------|-------------------------------------|---------------------|
| 01                | E100350      | 11/01/2018 | 047802                         | MID-PLAINS HOSPITALITY GROUP INC    | \$229.90            |
|                   | E100351      | 11/01/2018 | 100928                         | J W PEPPER & SON INC.               | \$440.99            |
|                   | E100352      | 11/08/2018 | 054630                         | JOHNSTONE SUPPLY                    | \$679.60            |
| <b>01 - Total</b> |              |            |                                |                                     | <b>\$64,091.67</b>  |
| 02                | 26326        | 11/19/2018 | 142421                         | ALEX BAUER                          | \$108.75            |
|                   | 26327        | 11/19/2018 | 142411                         | ZACHARY D CORWIN                    | \$130.50            |
|                   | 26328        | 11/19/2018 | 106893                         | WICHITA WATER CONDITIONING INC      | \$16.74             |
|                   | 26329        | 11/19/2018 | 140871                         | DAVID C WOOD                        | \$2,530.20          |
|                   | 26330        | 11/19/2018 | 139791                         | GREGORY M EADES                     | \$237.00            |
|                   | 26331        | 11/19/2018 | 141508                         | HAKEEM K FERGUSON                   | \$74.31             |
|                   | 26332        | 11/19/2018 | 141516                         | KAREEM K FERGUSON                   | \$92.44             |
|                   | 26333        | 11/19/2018 | 137084                         | PAMELA A GUILLORY                   | \$70.90             |
|                   | 26334        | 11/19/2018 | 140802                         | KAREN M HEDGECOCK                   | \$14.45             |
|                   | 26335        | 11/19/2018 | 142412                         | LEVI A HILLIARD                     | \$34.44             |
|                   | 26336        | 11/19/2018 | 141504                         | BRENDA HUTCHINGS                    | \$203.00            |
|                   | 26337        | 11/19/2018 | 141197                         | DANA LUCIA JOHNSON                  | \$130.50            |
|                   | 26338        | 11/19/2018 | 136279                         | MILLARD PUBLIC SCHOOL CLEARING ACCT | \$577.10            |
|                   | 26339        | 11/19/2018 | 140373                         | MILLARD REFRIGERATED SERVICES LLC   | \$1,163.72          |
|                   | 26340        | 11/19/2018 | 142422                         | MIKAYLA E NEILL                     | \$188.50            |
|                   | 26341        | 11/19/2018 | 141506                         | CODY J RANDELS                      | \$130.50            |
|                   | 26342        | 11/19/2018 | 141587                         | CAMERYN SETH ROSE                   | \$130.50            |
|                   | E30005       | 11/19/2018 | 010670                         | GOODWIN TUCKER GROUP                | \$401.30            |
| E30006            | 11/19/2018   | 140486     | HEARTLAND PAYMENTS SYSTEMS INC | \$18,733.75                         |                     |
| <b>02 - Total</b> |              |            |                                |                                     | <b>\$24,968.60</b>  |
| 04                | 460442       | 11/06/2018 | 142469                         | GROSS & WELCH PC LLO                | \$115,000.00        |
| <b>04 - Total</b> |              |            |                                |                                     | <b>\$115,000.00</b> |
| 06                | 460519       | 11/19/2018 | 141823                         | MIDWEST DCM INC                     | \$49,648.19         |
| <b>06 - Total</b> |              |            |                                |                                     | <b>\$49,648.19</b>  |

## Millard Public Schools Check Register Prepared for the Board Meeting for Nov 19, 2018

| Fund              | Check Number | Check Date | Vendor Number | Vendor Name                 | Transaction Amount |
|-------------------|--------------|------------|---------------|-----------------------------|--------------------|
| 07                | 460486       | 11/19/2018 | 130648        | DOSTALS CONSTRUCTION CO INC | \$14,300.38        |
| <b>07 - Total</b> |              |            |               |                             | <b>\$14,300.38</b> |
| 50                | 460439       | 11/01/2018 | 140432        | STEPHEN TODD                | \$3,200.00         |
|                   | 460473       | 11/19/2018 | 141559        | JAMES ALEXANDER BALTES      | \$225.00           |
|                   | 460474       | 11/19/2018 | 142423        | EMILY BENJAMIN              | \$48.00            |
|                   | 460475       | 11/19/2018 | 141420        | ISABELLE BERLIN             | \$252.00           |
|                   | 460476       | 11/19/2018 | 141968        | DOMINIC R BIANCHETTE        | \$207.00           |
|                   | 460477       | 11/19/2018 | 141996        | ALARIA MICHELLE BODE        | \$168.00           |
|                   | 460478       | 11/19/2018 | 141887        | KATELYN BOYES               | \$138.00           |
|                   | 460479       | 11/19/2018 | 141792        | KAYLEE BRILZ                | \$42.00            |
|                   | 460480       | 11/19/2018 | 140742        | AMELIA N BRUNER             | \$850.00           |
|                   | 460481       | 11/19/2018 | 142430        | COLTON M CASON              | \$30.00            |
|                   | 460483       | 11/19/2018 | 141562        | ASHLYN M CURRY              | \$180.00           |
|                   | 460484       | 11/19/2018 | 142431        | GRACE DANIELSON             | \$51.00            |
|                   | 460485       | 11/19/2018 | 142456        | PAIZLY DIEP                 | \$183.00           |
|                   | 460487       | 11/19/2018 | 141435        | BENJAMIN DUBAY              | \$96.00            |
|                   | 460488       | 11/19/2018 | 142424        | ETHAN DUNN                  | \$48.00            |
|                   | 460489       | 11/19/2018 | 141085        | KEELAN C EDWARDS            | \$144.00           |
|                   | 460490       | 11/19/2018 | 142336        | ANDREW C FALCK              | \$126.00           |
|                   | 460491       | 11/19/2018 | 142425        | COLBY JAMES FRAZIER         | \$54.00            |
|                   | 460492       | 11/19/2018 | 141564        | MARITZA BELEN GAYTAN        | \$207.00           |
|                   | 460493       | 11/19/2018 | 141123        | MORGAN RAE GEISS            | \$195.00           |
|                   | 460494       | 11/19/2018 | 142434        | NATALIE GRANT               | \$225.00           |
|                   | 460495       | 11/19/2018 | 140749        | OLIVIA RAY GREVE            | \$180.00           |
|                   | 460496       | 11/19/2018 | 141991        | CHASE HALL                  | \$36.00            |
|                   | 460497       | 11/19/2018 | 142467        | KERI HALTOM                 | \$36.00            |
|                   | 460498       | 11/19/2018 | 142468        | KILEY HALTOM                | \$60.00            |
|                   | 460502       | 11/19/2018 | 142214        | KALANI JUNE KERKMAN         | \$258.00           |

## Millard Public Schools Check Register Prepared for the Board Meeting for Nov 19, 2018

| Fund | Check Number | Check Date | Vendor Number | Vendor Name                | Transaction Amount |
|------|--------------|------------|---------------|----------------------------|--------------------|
| 50   | 460503       | 11/19/2018 | 141881        | CATHERINE SUSANNE KIPP     | \$210.00           |
|      | 460504       | 11/19/2018 | 142195        | TANNER KLAHN               | \$84.00            |
|      | 460505       | 11/19/2018 | 141782        | EVAN KLUCH                 | \$96.00            |
|      | 460506       | 11/19/2018 | 141294        | TYLER SCOTT KLUCH          | \$54.00            |
|      | 460507       | 11/19/2018 | 142426        | DAVIS KOCH                 | \$48.00            |
|      | 460508       | 11/19/2018 | 140829        | MARGARET KRAMER            | \$210.00           |
|      | 460509       | 11/19/2018 | 141783        | KEEGAN KRUSE               | \$63.00            |
|      | 460510       | 11/19/2018 | 142470        | KATHERINE R KUNTZ          | \$84.00            |
|      | 460511       | 11/19/2018 | 142427        | LAUREN LACHEL              | \$48.00            |
|      | 460512       | 11/19/2018 | 142265        | IAN LARSON                 | \$156.00           |
|      | 460513       | 11/19/2018 | 142471        | JOSHUA M LICKTEIG          | \$27.00            |
|      | 460515       | 11/19/2018 | 142339        | ISAAC D MARSH              | \$42.00            |
|      | 460516       | 11/19/2018 | 140766        | KATHERINE ANN MCCOY        | \$126.00           |
|      | 460517       | 11/19/2018 | 142219        | KAYLEN A MCFADDEN          | \$294.00           |
|      | 460518       | 11/19/2018 | 141301        | MOLLY MCGRAW               | \$210.00           |
|      | 460520       | 11/19/2018 | 141888        | JENNA MILLER               | \$258.00           |
|      | 460521       | 11/19/2018 | 142197        | SAGE M MORAN               | \$96.00            |
|      | 460522       | 11/19/2018 | 142448        | CLAIRE NEVILLE             | \$48.00            |
|      | 460523       | 11/19/2018 | 142198        | LAUREN NEWTON              | \$72.00            |
|      | 460524       | 11/19/2018 | 140756        | ALEXANDRA K NORDBERG-ELLIS | \$227.50           |
|      | 460525       | 11/19/2018 | 141565        | MIA HALEY OLSON            | \$183.00           |
|      | 460527       | 11/19/2018 | 141342        | GABRIEL PAREDES            | \$72.00            |
|      | 460528       | 11/19/2018 | 142472        | ELLA PETRICK               | \$42.00            |
|      | 460529       | 11/19/2018 | 140830        | JOCELYN H POLACEK          | \$258.00           |
|      | 460530       | 11/19/2018 | 142199        | SYDNEY K RANGELOFF         | \$72.00            |
|      | 460531       | 11/19/2018 | 141090        | BROOKE RATHBUN             | \$189.00           |
|      | 460532       | 11/19/2018 | 142435        | KATHRYN RILEY              | \$51.00            |
|      | 460534       | 11/19/2018 | 141442        | SAMANTHA SHAFER            | \$84.00            |

## Millard Public Schools Check Register Prepared for the Board Meeting for Nov 19, 2018

| Fund                   | Check Number | Check Date | Vendor Number | Vendor Name        | Transaction Amount  |
|------------------------|--------------|------------|---------------|--------------------|---------------------|
| 50                     | 460535       | 11/19/2018 | 140801        | RACHEL SHOEMAKER   | \$30.00             |
|                        | 460536       | 11/19/2018 | 142216        | MOLLY MARIE SNYDER | \$138.00            |
|                        | 460537       | 11/19/2018 | 142428        | JACOB STADJUCHAR   | \$48.00             |
|                        | 460538       | 11/19/2018 | 142473        | CORRYN SWANEY      | \$72.00             |
|                        | 460539       | 11/19/2018 | 142220        | ANNA R TERRELL     | \$252.00            |
|                        | 460544       | 11/19/2018 | 142436        | HAILEY VAN WINKLE  | \$51.00             |
|                        | 460545       | 11/19/2018 | 141997        | PRESLEY VERKLER    | \$183.00            |
|                        | 460546       | 11/19/2018 | 142223        | JASMINE WATTS      | \$252.00            |
| <b>50 - Total</b>      |              |            |               |                    | <b>\$11,669.50</b>  |
| 99                     | 460439       | 11/01/2018 | 140432        | STEPHEN TODD       | (\$128.00)          |
| <b>99 - Total</b>      |              |            |               |                    | <b>(\$128.00)</b>   |
| <b>Overall - Total</b> |              |            |               |                    | <b>\$279,550.34</b> |

### Millard Public Schools - Planned Disposition of Surplus Property

BOE Packet Due Date: **11/14/2018** BOE Meeting Date: **11/19/2018** Sale or Disposals Scheduled After: **11/19/2018**

| Lot | Quantity | Description                          |
|-----|----------|--------------------------------------|
| 1   | 30       | Legal size four drawer file cabinets |
| 2   | 30       | Legal size two drawer file cabinets  |
| 3   |          |                                      |
| 4   |          |                                      |
| 5   |          |                                      |
| 6   |          |                                      |
| 7   |          |                                      |
| 8   |          |                                      |
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| 28  |          |                                      |
| 29  |          |                                      |
| 30  |          |                                      |

**AGENDA SUMMARY SHEET**

**Agenda Item:** Approval of Policy 5470 Police Questioning and Apprehension

**Meeting Date:** November 19, 2018

**Background/  
Description:** School officials shall cooperate with law enforcement officers in pursuance of their official duties.

**Action Desired:** Approval

**Policy /  
Strategic Plan  
Reference:** N/A

**Responsible Person(s):** Bill Jelkin, Director of Student Services

**Superintendent's Signature:**



**Pupil-Student Services****Police Questioning and Apprehension****5470**

School officials shall cooperate with law enforcement officers in pursuance of their official duties.

Law enforcement officers may interview students during school and may remove a ~~pupil~~-student from school pursuant to a warrant, court order, consent of the custodial parent, or for the purposes of taking the student into custody as provided by law.

Policy Approved: March 21, 1988

Revised: July 6, 1998; October 16, 2000; November 19, 2018

Reaffirmed: March 21, 2011

Millard Public Schools  
Omaha, NE

**AGENDA SUMMARY SHEET**

**Agenda Item:** Approval of Policy 5490 Use of Alcohol and other Drug Testing Technology

**Meeting Date:** November 19, 2018

**Background/  
Description:**

The District will provide students with the opportunity to obtain an education and participate in school sponsored events and activities in a safe, healthy, and orderly environment free of alcohol and other drugs. Accordingly, the District may use alcohol and other drug screening and testing technology in order to ensure a safe environment at school and at school sponsored events and activities.

**Action Desired:** Approval

**Policy /  
Strategic Plan  
Reference:**

N/A

**Responsible Person(s):** Bill Jelkin, Director of Student Services

**Superintendent's Signature:**



**Pupil Student Services****Use of Alcohol and other Drug Screening and Testing Technology****5490**

The District will provide students with the opportunity to obtain an education and participate in school sponsored events and activities in a safe, healthy, and orderly environment free of alcohol and other drugs. Accordingly, the District may use alcohol and other drug screening and testing technology in order to ensure a safe environment at school and at school sponsored events and activities.

The District may use such alcohol and other drug screening and testing technology with students before they may enter or exit a school sponsored event or activity, or prior to leaving on a field trip or other off-campus event or activity sponsored by the school.

When reasonable suspicion exists that a student has consumed or possesses alcohol or any other type of drug in violation of District policy, the student will be advised of the suspicion. As part of the investigation, District personnel may conduct field tests using technology available to them for the determination of whether or not a student has consumed or is under the influence of, or in possession of alcohol or other drugs.

Related Policies and Rules: 5490.1

Policy Approved: March 6, 1995

Revised: August 19, 1996; October 16, 2000; September 2, 2008; May 16, 2011; November 19, 2018

Millard Public Schools  
Omaha, Nebraska

**AGENDA SUMMARY SHEET**

**Agenda Item:** Approval of Policy 5495 Corporal Punishment

**Meeting Date:** November 19, 2018

**Background/  
Description:** Corporal punishment shall not be used to discipline students.

**Action Desired:** Approval

**Policy /  
Strategic Plan  
Reference:** N/A

**Responsible Person(s):** Bill Jelkin, Director of Student Services

**Superintendent's Signature:**

A handwritten signature in cursive script, appearing to read "Jim Dutton".

**Pupil-Student Services****Corporal Punishment and Physical Contact****5495**

Corporal punishment shall not be used to discipline students. Reasonable physical, protective force may be used by staff members when it is immediately necessary to protect himself or herself, to protect other persons against the use of unlawful force, to protect a student from harming himself or herself, or to prevent an unlawful entry or other trespass upon land or a trespass against or the unlawful removal of tangible, moveable property. Reasonable and incidental physical contact may be used by staff members when it is not intended to punish a student for disapproved behavior and is instead intended to promote personal interaction with a student or to preserve order or protect persons or property from harm.

Legal References: Neb. Rev. Stat. § 79-295  
Neb. Rev. Stat. § 79-258  
Neb. Rev. Stat. § 28-1411  
Neb. Rev. Stat. § 28-1410  
Neb. Rev. Stat. § 28-1409

~~Daily v. Board of Educ. of Morrill County Sch. Dist. No. 62-0063,  
256 Neb. 73, 588 N. W. 2d 813 (1999)~~

Policy Approved: July 5, 1988  
Revised: March 5, 2001; [November 19, 2018](#)  
Reaffirmed: February 21, 2011

Millard Public Schools  
Omaha, NE

**AGENDA SUMMARY SHEET**

**Agenda Item:** Second Reading and Approval of Policy 8250:  
Internal Board Policies – Conflicts of Interest

**Meeting Date:** November 19, 2018

**Background/  
Description:** The policy is being reviewed based on our seven-year cycle.

**Action Desired:** Approve Policy 8250:  
Internal Board Policies – Conflicts of Interest

**Policy /  
Strategic Plan  
Reference:** N/A

**Responsible Person(s):** Dr. Jim Sutfin

**Superintendent's Signature:**

A handwritten signature in black ink, appearing to read "Jim Sutfin", is written on a light gray rectangular background.

## Internal Board Policies

### Conflicts of Interest

8250

#### A. Contracts Exceeding \$2,000.00

Unless otherwise provided by law, no Board members, or a member of that individual's immediate family, or business with which the Board member is associated, shall enter into a contract valued at \$2,000.00 or more, in any one year, with the ~~Millard School~~ District unless the contract is awarded through an open and public process which includes prior public notice and subsequent availability for public inspection during the regular office hours of the ~~Millard School~~ District of the proposals considered and the contract awarded. No contract shall be divided for the purpose of evading the requirements of this ~~p~~Policy. This ~~p~~Policy shall not apply to a contract when the Board member does not in any way represent either party in the transaction.

#### B. Interest in Contracts

Except as provided herein, no Board member may have an interest in any contract to which the Board, or anyone for its benefit, is a party. This prohibition shall apply only when the Board member, his or her parent, spouse, or child (a) has a business association with the business involved in the contract or (b) will receive a direct pecuniary fee or commission as a result of the contract. This prohibition shall not apply if the contract is an agenda item approved at a Board meeting and ~~provided~~ the Board member:

1. Makes a declaration on the record to the Board ~~of~~ regarding the nature and extent of his or her interest prior to official consideration of the contract;
2. Does not vote on the matters of granting the contract, making payments pursuant to the contract, or accepting performance of work under the contract, or similar matters relating to the contract, except that if the number of members of the Board declaring an interest in the contract would prevent the Board with all members present from securing a quorum on the issue, then all members may vote on the matters; and
3. Does not act for the ~~Millard School~~ District as to inspection or performance under the contract in which he or she has an interest.

The receiving of deposits, cashing of checks, and buying and selling of warrants and bonds of indebtedness of the ~~Millard School~~ District by a financial institution shall not be considered a contract for purposes of this section. The ownership of less than five percent ~~5%~~ of the outstanding shares of a corporation shall not constitute an interest within the meaning of this section.

#### C. Employment of Family Members

A Board member may employ, recommend the employment of, or supervise the employment of a member of the Board member's immediate family if he or she does not abuse his or her official position, makes a full disclosure on the record to the Board and a written disclosure to the person in charge of keeping records for the Board, and the Board approves the employment or supervisory position. No Board member shall employ an immediate family member without first having made a reasonable solicitation and consideration of applications for such employment, or an immediate family member who is not qualified for and able to perform the duties of the position, or for any unreasonably high salary, or who is not required to perform the duties of the position. This section shall not apply to an immediate family member of a Board member who (1) was previously employed in a position subject to this section prior to the election or appointment of the Board member, or (2) was employed in a position subject to this section prior to September 1, 2001. Any newly elected or appointed Board member shall make a full disclosure of any immediate family member employed in a position subject to this section prior, upon, to or as soon as reasonably possible after the official date of taking office.

If a Board member's parent, spouse, or child is an employee of the ~~Millard School~~ District, the Board member may vote on all issues of ~~the any~~ contract which are generally applicable to (a) all employees or (b) all employees within a classification and do not single out his or her parent, spouse, or child for special action.

#### D. Personal Gain Prohibited

No Board member shall solicit or accept anything of value, including a gift, loan, contribution, reward, or promise of future employment, based on an agreement that the vote, official action, or judgment of the Board member would be influenced thereby.

No Board member shall use or authorize the use of his or her office or any confidential information received through the holding of his or her office to obtain financial gain, other than compensation provided by law, for himself or herself, or a member of his or her immediate family, or a business with which the ~~individual~~ Board member is associated.

No Board member shall use personnel, resources, property, or funds under his or her ~~that individual's~~ official care and control, other than in accordance with prescribed constitutional, statutory and regulatory procedures, or use such items, other than compensation provided by law, for personal financial gain.

#### E. Definitions

1. "Business with which the individual is associated" or "business association" shall mean a business: (1) in which the individual is a partner, limited liability company member, director, or officer; or (2) in which the individual or a member of the individual's immediate family is a stockholder of closed corporation stock worth one thousand dollars or more at fair market value or which represents more than a five percent equity interest, or is a stockholder of publicly traded stock worth ten thousand dollars or more at fair market value or which represents more than a ten percent equity interest. An individual who occupies a confidential professional relationship protected by law shall be exempt from this section. This section shall not apply to publicly traded stock under a trading account if the filer reports the name and address of the stockholder.
2. "Immediate family" shall mean a child residing in an individual's household, a spouse ~~or~~ of an individual, or an individual claimed by that individual or that individual's spouse as a dependent for federal income tax purposes.

Legal Reference: ~~RRS 49-14,102-Contracts with governmental bodies; procedure, purpose.~~  
~~49-14,103.01-Officer, defined; interest in contract prohibited, when.~~  
~~49-14,101-Public official, employee, candidate, and other individuals; other prohibited acts;~~  
~~penalty.~~  
~~49-1408-Business with which the individual is associated or business association, defined.~~  
~~49-1425-Immediate family, defined.~~

[Neb. Rev. Stat. §§49-1408, 49-1425, 49-1499.03, 49-1499.04, 49-14,101, 49-14,101.01, 49-14,102, and 49-14,103.01](#)

Policy Adopted: November 19, 1990  
 Reaffirmed: December 2, 2002; September 6, 2011  
Revised: November 19, 2018

Millard Public Schools  
 Omaha, Nebraska

**AGENDA SUMMARY SHEET**

**Agenda Item:** Second Reading and Approval of Policy 8225:  
Internal Board Policies – Use of Public Funds

**Meeting Date:** November 19, 2018

**Background/  
Description:** The policy is being reviewed based on our seven-year cycle.

**Action Desired:** Approve Policy 8225:  
Internal Board Policies – Use of Public Funds

**Policy /  
Strategic Plan  
Reference:** N/A

**Responsible Person(s):** Dr. Jim Sutfin

**Superintendent's Signature:**

A handwritten signature in black ink, appearing to read "Jim Sutfin", is written over a light gray rectangular background.

## Internal Board Policies

### Use of Public Funds

8225

The Board will follow state and federal laws and regulations governing the expenditures of public funds. The Local Government Miscellaneous Expenditure Act (Neb. Rev. Stat. §13-2201 through 13-2204) provides a legal basis for certain types of expenditures for which there previously had been no statutory authority or for which there had been questionable legal authority.

The Nebraska Accountability and Disclosure Commission has adopted a document entitled Use of Public Funds by Cities and Villages. The Board recognizes the following general guidelines of the [eCommission](#):

1. Public funds may be used to purchase plaques, certificates, and similar ~~tokens~~ items of acknowledgement or appreciation for elected or appointed public officials, ~~and public~~ employees, or volunteers of the local government; provided however, the governing board shall, by official action after a public hearing, establish a uniform policy which sets a dollar limit on the value of any plaque, certificate of achievement, or item of value to be awarded. The policy may not be amended or altered more than once in any twelve-month period.

The Board hereby establishes the following maximum dollar limits of value:

|                                      |         |
|--------------------------------------|---------|
| Plaques                              | \$25.00 |
| Certificates of achievement          | \$10.00 |
| Retirement gift                      | \$75.00 |
| Thirty-year service recognition gift | \$50.00 |

2. Public funds may not be expended for the expenses of a spouse of a public employee or public official in connection with attendance at a conference. The Local Government Miscellaneous Expenditure Act specifically prohibits using public funds to pay the expenses of a spouse of an elected or appointed official. The Accountability and Disclosure Act prohibits the use of public funds for the financial benefit of an immediate family member of a public official or public employee ~~{Neb. Rev. Stat. §49-14,101(4)}~~.
3. Public funds may not be expended for flowers and memorials for deceased elected officials, employees or their families.
4. Public funds may be expended for a recognition dinner for elected officials and employees. The Local Government Miscellaneous Expenditure Act provides that one recognition dinner each year may be held for elected and appointed officials, employees, or volunteers of the local government. It provides, however, that the maximum cost per person for the dinner must be established by formal action of the governing body and may not exceed ~~\$2550~~. The Board hereby establishes the maximum cost per person at ~~\$2550~~.
5. Monies received from vending machines on ~~d~~District property are public funds. The use of this money is subject to the same restrictions placed on any other public funds regardless of its source.
6. Monies received from recycling aluminum cans are not subject to restrictions placed on public funds, since the cans are the property of the purchasing consumer. It is permissible to allow the consumer to voluntarily deposit their aluminum cans in a receptacle on District property. The proceeds of the sale of the cans are not restricted.

Legal Reference: Neb. Rev. Stat. § 13-2201 through 13-2204, ~~and~~ 49-14,101.[01\(4\)](#), ~~and~~  
79-~~520~~[807](#) ~~Board of Education; compensation; and;~~  
79-546 ~~Association of school boards; membership dues; payment authorized;~~ and;  
A Guideline to the Use of Public Funds by Cities and Villages - Revised, Adopted by the  
Nebraska Accountability and Disclosure Commission, September 17, 1993

Related Policies & Rules: 8260, 8240, 8240.1, 8270

Policy Adopted: September 9, 1996

Revised: August 3, 1998, [November 19, 2018](#)

Reaffirmed: February 17, 2003; September 19, 2011

Millard Public Schools  
Omaha, NE

**AGENDA SUMMARY SHEET**

**Agenda Item:** First Reading of Policy 3621- Support Services - Construction Professional Services – Architects and Engineers

**Meeting Date:** November 19, 2018

**Background/Description:** Following District guidelines to review Policies every seven years.

**Action Desired:** First Reading of Policy 3621- Support Services - Construction Professional Services – Architects and Engineers

**Policy / Strategic Plan Reference:** N/A

**Responsible Person(s):** Chad Meisgeier, Chief Financial Officer

**Superintendent's Signature:**



## Support Services – Construction Professional Services – Architects & Engineers 3621

Except as provided by law, the District shall not engage in the construction of any public works involving architecture or engineering unless the plans, specifications, and estimates have been prepared and the construction has been observed by an architect, a professional engineer, or a person under the direct supervision of an architect or professional engineer except that this requirement shall not apply to any public work in which the contemplated expenditure for the complete project does not exceed ~~eighty thousand dollars~~ [the statutory limitations](#).

In conjunction with each bond issue for the construction of new facilities and/or the renovation of existing facilities, the District shall convene an ad hoc Architect Selection Committee. The Architect Selection Committee shall consist of at least four members recommended by the superintendent [or the superintendent's designee](#) and approved by the board of education. The committee shall be responsible for conducting a selection process and making recommendations to the board regarding the selection of architect(s) for the bond issue construction project(s).

The selection of architects for projects that are not related to a bond issue ~~shall~~ [may](#) be made by the administration from the list of architects previously engaged by the District to do construction and/or renovation projects. [The administration may also select architects through a process approved by the superintendent \(or designee\) who have not been previously engaged by the District in the event the superintendent \(or designee\) determines that the characteristics of a specific project are sufficiently unique so that it is in the best interest of the District to select an architect with a particular area of expertise.](#)

The professional services contracts for architects and engineers may be in the form of a standard AIA (American Institute of Architects) contract as it may be amended by the [School](#) District's attorneys and shall set forth the services to be performed by the architect and/or engineer. Such contract shall provide for a reasonable retainage of fees until the project is closed out, all contractors and vendors have been paid, and all issues have been resolved.

Adopted: February 17, 2003  
(Replaced 7211, 7212, 7212.1, 7213, 7214, 7215, 7216, 7217, 7343)

Revised: November 3, 2003, [December 3, 2018](#)

Reaffirmed: May 3, 2010

Related Rule: 3622.1

Legal Reference: Neb. Rev. Stat §81-3445

Millard Public Schools  
Omaha, NE

**AGENDA SUMMARY SHEET**

**Agenda Item:** First Reading of Policy 3622- Support Services - Construction Professional Services – School District Attorney

**Meeting Date:** November 19, 2018

**Background/Description:** Following District guidelines to review Policies every seven years. The draft accompanying Rule with proposed amendments for the December 3, 2018 Board Meeting is attached for the Board's information.

**Action Desired:** First Reading of Policy 3622- Support Services - Construction Professional Services – School District Attorney

**Policy / Strategic Plan Reference:** N/A

**Responsible Person(s):** Chad Meisgeier, Chief Financial Officer

**Superintendent's Signature:**



**Support Services – Construction Professional Services – School District Attorney 3622**

The services of the school district attorney may be accessed by the superintendent (or designee) for matters pertaining to site acquisition, easements, dedications, contracts, contract payments, liens or claims, and such other matters as may arise.

Adopted: February 4, 1974

Revised: November 3, 2003, [December 3, 2018](#)

Reaffirmed: May 3, 2010

Related Rule: 3622.1

Legal Reference: Neb. Rev. Stat §79-513

Millard Public Schools  
Omaha, NE

**Support Services – Construction Professional Services – School [District](#) Attorney 3622.1**

I. The school [district's](#) attorney shall review:

- A. land purchase contracts
- B. construction contracts
- C. easements and/or permits for utilities
- D. title and deeds for dedicated sites
- E. the need for new legislation relative to special land use

II. The school [district's](#) attorney shall prepare:

- A. titles and deeds
- B. settlement documents for land transfer
- C. condemnation documents for site and easement acquisition
- D. liens and claims
- E. deeds of dedication for rights-of-way
- F. resolutions for board approval involving easements, rights-of-way, and land sales

III. The school [district's](#) attorney shall provide legal representation during condemnation proceedings, suits involving construction contracts and payments.

IV. The school [district's](#) attorney shall coordinate settlement and condemnation payments for land and easement acquisition.

Adopted: February 4, 1974  
Revised: November 3, 2003, [December 3, 2018](#)  
Reaffirmed: May 3, 2010  
Related Policy: 3622

Millard Public Schools  
Omaha, NE

**AGENDA SUMMARY SHEET**

**Agenda Item:** Approval of Rule 5470.1 Procedures for Police Questioning and Apprehension

**Meeting Date:** November 19, 2018

**Background/  
Description:** District personnel shall cooperate and not interfere with law enforcement officers who are acting in their official capacity.

**Action Desired:** Approval

**Policy /  
Strategic Plan  
Reference:** N/A

**Responsible Person(s):** Bill Jelkin, Director of Student Services

**Superintendent's Signature:**



## **Pupil-Student Services**

### **Procedures for Law Enforcement Questioning and Apprehension of Students 5470.1**

- I. General Statement. District personnel shall cooperate and not interfere with law enforcement officers who are acting in their official capacity.
- II. Contact by Law Enforcement Officers.
  - A. Non-Exigent Circumstances. If a law enforcement officer requests to interview a student or to remove a student from school when no exigent circumstances are present, the following procedures will be followed:
    1. When an officer makes contact with a staff member about questioning or apprehending a student, the staff member shall refer the officer to the Office of **Pupil-Student Services**.
    2. **Pupil-Student Services** will inform the officer of the student's location, and will direct the officer to take the following steps:
      - a. Report to the principal's office where the student is located;
      - b. Present the principal with verification of the officer's identity;
      - c. Provide the principal with the name of the student to be interviewed or apprehended; and
      - d. To the extent that it can be released, provide the principal with all pertinent information concerning the case.
    3. After providing the directions in Section II (A) (2) to the officer, **Pupil-Student Services** will inform the principal that an officer is attempting to make contact with the student, and that the officer has been directed to report to the principal.
    4. Unless the officer requests otherwise, the principal or principal's designee may be present during the questioning of the student.
    5. If the officer determines that the student should be removed from school, District staff will fully cooperate, and the procedures provided in Section III of this Rule shall be followed.
    6. Any information or evidence obtained by the District relevant to a matter under investigation should be preserved. The building principal or principal's designee shall be responsible for adopting or having in place guidelines for preserving relevant information or evidence.
    - ~~6.7.~~ The student's grade level administrator or Student Services shall inform the student's parent(s) or guardian(s) of the law enforcement contact as soon as practicable, unless the case involves suspected child abuse or the officer instructs the District not to contact the student's parent(s) or guardian(s) in which case no contact shall be made.
  - B. Exigent Circumstances. If a law enforcement officer informs a staff member that exigent circumstances exist and/or that an immediate arrest must be made, the District will take whatever

steps are necessary to enable the officer to immediately apprehend the student. The staff member shall inform ~~Pupil-Student~~ Services of the law enforcement contact as soon as practicable. The student's grade level administrator or ~~Pupil-Student~~ Services shall inform the student's parent(s) or guardian(s) of the law enforcement contact as soon as practicable, unless the case involves suspected child abuse or the officer instructs the District not to contact the student's parent(s) or guardian(s) in which case no contact shall be made.

### III. Apprehension by Law Enforcement Officers.

A. Procedures In Cases of Suspected Child Abuse or When Instructed Not to Contact Parents. When a student is apprehended by a law enforcement officer and removed from school, and when the case involves suspected child abuse or the officer instructs that there should be no contact with the parent(s) or guardian(s), the following procedures shall be followed:

1. The principal or principal's designee shall not notify the student's parent(s) or guardian(s) of the apprehension.
2. The principal or principal's designee shall attempt to ascertain from the officer the place where the student is being taken.
3. The principal or principal's designee shall provide the officer with the address and telephone number of the student's parent(s) or guardian(s).
4. The principal or principal's designee shall inform ~~Pupil-Student~~ Services of the law enforcement apprehension as soon as possible.

B. Procedures In All Other Cases. In all other cases when a student is apprehended by a law enforcement officer and removed from school, and which do not involve suspected child abuse or the officer does not instruct that there should be no contact with the parent(s) or guardian(s), the following procedures shall be followed:

1. The principal or principal's designee shall attempt to ascertain from the officer the place where the student is being taken.
2. The principal or principal's designee shall provide the officer with the address and telephone number of the student's parent(s) or guardian(s).
3. The principal or principal's designee shall take immediate steps to notify the student's parent(s) or guardian(s) regarding the apprehension of the student by the officer and the place to which the student is reportedly being taken.
4. The principal or principal's designee shall inform ~~Pupil-Student~~ Services of the law enforcement apprehension as soon as possible.

IV. Law Enforcement Request for Student Records. Student records will be provided only in accordance with applicable law and District Policy. Student records may be released to law enforcement officers under the following circumstances:

- A. Pursuant to a warrant, court order, or lawfully issued subpoena provided, however, that the District has made a reasonable effort to notify the student and the student's parent(s) or guardian(s) prior to compliance.
- B. The records contain only directory information. Directory information may include the parent's and student's name, address, e-mail address, telephone number, date and place of birth, major field of study, current grade level, enrollment status, participation in officially recognized activities and

sports, dates of attendance but not including specific daily records of attendance, degrees, honors and awards received, the most recent previous educational agency or institution attended by the student, photographs, and other similar information.

- C. The student's parent(s) or guardian(s) has provided written authorization permitting the release.
- D. Personally identifiable information from an education record can be disclosed to appropriate parties in connection with an emergency if knowledge of the information is necessary to protect the health or safety of the student or other individuals.

Legal Reference: 20 U.S.C. §1232g  
34 C.F.R. § 99.1 *et seq.*  
Neb. Rev. Stat. §29-401  
Neb. Rev. Stat. §43-248  
Neb. Rev. Stat. §43-250  
Neb. Rev. Stat § 79-294

Related Rules: 5480.1, 5710.1

Rule Approved:

Revised: July 6, 1998; October 16, 2000; November 19, 2018

Reaffirmed: March 21, 2011

Millard Public Schools  
Omaha, NE

**AGENDA SUMMARY SHEET**

**Agenda Item:** Approval of Rule 5490.1 Use of Alcohol and other Drug Testing Technology

**Meeting Date:** November 19, 2018

**Background/  
Description:**

The District may require all students to submit to alcohol screening before they may enter or exist a school sponsored event or activity, or prior to leaving on a field trip or other off-campus event or activity sponsored by the school. Such screening devices may be used to sample students' breath and any liquid-carrying containers. If such screening has positive results, then there shall be a second screening. If such second screening again has positive results, then there is a reasonable suspicion that the student has violated the District's alcohol policy and the student may be subjected to a field test.

**Action Desired:** Approval

**Policy /  
Strategic Plan**

**Reference:** N/A

**Responsible Person(s):** Bill Jelkin, Director of Student Services

**Superintendent's Signature:**



## Pupil Student Services

### Use of Alcohol and other Drug Screening and Testing Technology

5490.1

- I. **Procedures.** The following procedures govern the use of alcohol and other drug screening and testing technology by school administrators:
- A. The District may require all students to submit to alcohol screening before they may enter or exist a school sponsored event or activity, or prior to leaving on a field trip or other off-campus event or activity sponsored by the school. Such screening devices may be used to sample students' breath and any liquid-carrying containers. If such screening has positive results, then there shall be a second screening. If such second screening again has positive results, then there is a reasonable suspicion that the student has violated the District's alcohol policy and the student may be subjected to a field test.
  - B. Students suspected of violating the District's alcohol and other drugs policy may be subjected to a field test. Refusal to consent or submit to a field test may be grounds for discipline.
  - C. If a field test is positive for alcohol and/or other drugs, the positive results will be used as evidence in any disciplinary procedures against the student.
  - D. Results of field tests, refusal to consent or submit to a field test, and other ~~evidence~~information will be used by the administration in determining disciplinary action.
  - E. Student field test results for alcohol or other drugs will be made available to the student's parents or guardian. Screening results for students entering or existing school sponsored events or activities, or for students leaving on a field trip or other off-campus event or activity, will not be shared with parents unless such results are positive.
  - F. If a student screens or tests positive for alcohol or other drug use, they will be released from school or any school sponsored event or activity, only to the student's parents or guardian or an adult designated by the student's parents or guardian.
  - G. Staff, students, and parents will be notified annually of these procedures.
  - H. Field screening and testing devices will only be administered by school administrators appropriately trained as provided by the manufacturer of the field screening and testing devices.
  - I. Field screening and testing devices will be tested for accuracy and calibrated as necessary as provided by the manufacturer.
- II. **Annual Report to Board**  
A report summarizing all field screening and testing will be annually presented to the Board.
- III. **Definitions**
- A. Screening, field screening, and screening technology shall mean a passive alcohol detecting device which is a non-invasive high speed instrument which can be used ~~as a sniffer~~ for overt or covert alcohol detection, which is administered for students entering or existing school sponsored events or activities, or for students leaving on a field trip or other off-campus event or activity.

- B. Testing, field testing, and testing technology shall mean an active alcohol or other drug detecting device which is administered when there is reasonable suspicion that a student has violated the District's alcohol or other drug policies.

**Related Policies and Rules:** 5480, 5480.1, 5490

**Rule Approved:** March 6, 1995

**Revised:** August 19, 1996; October 16, 2000; September 2, 2008; May 16, 2011; [November 19, 2018](#)

Millard Public Schools  
Omaha, NE

**AGENDA SUMMARY SHEET**

**Agenda Item:** Approval of Rule 5495.1 Corporal Punishment and Physical Contact

**Meeting Date:** November 19, 2018

**Background/  
Description:** Corporal punishment shall not be use to discipline students. Corporal punishment is the infliction of bodily pain as a penalty for disapproved behavior. Corporal punishment does not, as hereinafter provided in Sections III and IV, include any and all physical force or physical contact.

**Action Desired:** Approval

**Policy /  
Strategic Plan  
Reference:** N/A

**Responsible Person(s):** Bill Jelkin, Director of Student Services

**Superintendent's Signature:**



## ~~Pupil~~ Student Services

### Corporal Punishment and Physical Contact

5495.1

- I. Corporal Punishment Prohibited. Corporal punishment shall not be used to discipline students.
- II. Corporal Punishment Defined. Corporal punishment is the infliction of bodily pain as a penalty for disapproved behavior. Corporal punishment does not, as hereinafter provided in Sections III and IV, include any and all physical force or physical contact.
- III. Allowable Physical Force. Reasonable, protective physical force may be used by a staff member in the following circumstances.
  - A. When the staff member believes that reasonable, protective physical force is immediately necessary for the purpose of protecting himself or herself against the use of unlawful force.
  - B. When the use of reasonable, protective force is justifiable to protect a third person. To be justifiable to protect a third person, the staff member must believe that he or she would be justified in using such protective force to protect himself or herself in such circumstances, that the third person would be justified in using such protective force, and that intervention is necessary for the protection of the third person.
  - C. When the staff member believes that reasonable, protective physical force is immediately necessary for the purpose of protecting a student from inflicting physical harm or otherwise injuring the student's own self.
  - D. When the staff member believes that reasonable, protective physical force is immediately necessary to prevent or terminate an unlawful entry or other trespass upon land or a trespass against or the unlawful removal of tangible, movable property, provided that such land or movable property is, or is believed by the staff member to be, in his or her possession or in the possession of another person for whose protection the staff member acts.
- IV. Allowable Physical Contact. Reasonable and incidental physical contact, which is not intended to punish a student for disapproved behavior, may be used by staff members in the following circumstances.
  - A. When it is intended and used to provide personal and instructional interaction with a student.
  - B. When it is intended and used to aid a student, further school purposes, or prevent interference with the educational process.
  - C. When it is intended and used to maintain order and control.
  - D. When it is intended and used to protect persons or property from harm.

Legal References: Neb. Rev. Stat. § 79-295  
 Neb. Rev. Stat. § 79-258  
 Neb. Rev. Stat. § 28-1411  
 Neb. Rev. Stat. § 28-1410  
 Neb. Rev. Stat. § 28-1409  
~~Daily v. Board of Educ. of Morrill County Sch. Dist. No. 62-0063,  
 256 Neb. 73, 588 N. W. 2d 813 (1999)~~

Rule Approved: July 5, 1988  
 Revised: March 5, 2001; [November 19, 2018](#)  
 Reaffirmed: February 21, 2011

**AGENDA SUMMARY SHEET**

**Agenda Item:** Approval of Rule 5495.2 Restraint & Seclusion

**Meeting Date:** November 19, 2018

**Background/  
Description:** The purpose of this Rule is to insure that all students and staff are safe in school, and that students are free from the inappropriate use of physical restraint or seclusion.

**Action Desired:** Approval

**Policy /  
Strategic Plan  
Reference:** N/A

**Responsible Person(s):** Bill Jelkin, Director of Student Services

**Superintendent's Signature:**



## **Pupil-Student Services**

### **Restraint and Seclusion**

**5495.2**

#### **I. Purpose**

The purpose of this Rule is to insure that all students and staff are safe in school, and that students are free from the inappropriate use of physical restraint or seclusion.

#### **II. Authorized Use**

- A. The District supports school-wide programs and services that motivate, teach and support positive behavior in order to create a school climate that is highly conducive to learning.
  - 1. Each school will establish practices that have the goal of making the school climate and environment welcoming and supportive of learning, and promote the recognition and reinforcement of appropriate student behavior.
  - 2. School staff will implement behavior management programs and strategies that promote safety, respect, and responsibility and address individual student needs and the needs of all students.
  - 3. When school personnel anticipate that a student is likely to behave in a way that may be dangerous to the point of causing injury to one's self or others, staff will conduct a behavioral assessment and develop a behavior plan including a plan for teaching replacement behaviors. The behavior plan will be developed in cooperation with the parent or guardian.
- B. The District authorizes staff members to use physical restraint and seclusion in limited situations and in accordance with the requirements specified in this Rule.
- C. District staff are authorized to use allowable physical force and allowable physical contact in accordance with District Rule 5495.1

#### **III. Informing Parents and Guardians Generally**

- A. District students and their parents or guardians will be notified annually of this Rule regarding physical restraint and seclusion, by including in all student handbooks the following statement:

As a part of the emergency procedures in place in our schools, any student who poses a significant imminent risk of injury to him/herself or others may be physically restrained and/or placed in seclusion by school staff in accordance with District Rule 5495.2. These actions could occur along with other emergency actions such as calling the police. Significant violations of the law including assaults on students and staff, will be reported to the police. The building administrator or designee will make reasonable efforts to notify the parent/guardian no later than the end of business on the school day on which the physical restraint/seclusion occurred. The parent will be notified of the circumstances leading up to the physical restraint/seclusion and be given a point of contact for additional information.

District Rule 5495.2 is available to all parents electronically via the District's website or as a hard copy upon request.

#### **IV. Conditions for Appropriate Use of Physical Restraint**

- A. Physical restraint is appropriate only when a student is displaying physical behavior that presents significant imminent risk of injury to the student or others, and the student is demonstrating the intent and the ability to cause significant imminent injury.

- B. Physical restraint should only be employed as a last resort after other methods of de-escalating a dangerous situation have been attempted without success or have been deemed inappropriate for the situation.
- C. Physical restraint should only be employed by staff members who have received specific District approved training in the use of physical restraint procedures, including de-escalation strategies.
  - 1. Other school personnel may employ physical restraint procedures only in rare and clearly unavoidable emergency circumstances when staff trained in physical restraint are not immediately available. Untrained staff should request assistance from trained staff as soon as possible.
  - 2. A physical restraint of a student should be conducted in a manner consistent with the techniques prescribed in the District approved physical restraint training program.
- D. Physical restraint should last only as long as is necessary for the student to regain behavioral stability, and the risk of injury has ended, usually a matter of minutes.
- E. The degree of physical restriction employed must be in proportion to the circumstances of the incident, the size and condition of the student, and the potential risks for injury to the student.
- F. Mechanical or chemical restraints are not authorized.
- G. Prone or ~~S~~upine forms of physical restraint are not authorized.

#### **V. When Physical Restraint Procedures Should Not Be Employed**

- A. Physical restraint is not appropriate without significant imminent risk of injury to self or others.
- B. A verbal threat or verbally aggressive behavior does not itself indicate a significant imminent risk of injury, and should not result in restraint.
- C. Destruction or damage to property does not constitute a risk of imminent injury, unless in doing so a risk of injury to the student or others is created.
- D. When known medical or physical conditions of the student would make the physical restraint procedures dangerous for that student (e.g., students with heart or circulatory conditions, asthma, ~~ete~~ [or other conditions.](#)) they should not be employed.
- E. Physical restraint should never be used as a punishment, or for the purpose of discipline or convenience, or to force compliance with staff commands.

#### **VI. Conditions for Appropriate Use of Seclusion**

- A. Seclusion is appropriate only when a student is displaying physical behavior that presents a significant imminent risk of injury to the student or others, and when the threat could be diminished if the student was in a safe environment away from other students and staff.
- B. Seclusion should only be employed as a last resort after other methods of de-escalating a dangerous situation have been attempted without success or have been deemed inappropriate for the situation.
- C. Seclusion should only be used as long as is necessary and should be discontinued when the student is no longer a threat to others.
- D. Seclusion should only be employed by staff members who have received specific District approved training regarding the use of seclusion procedures.
- E. Seclusion must be used only when the student can safely be transported to the seclusion environment by trained staff members using appropriate techniques based on District approved training.

F. Seclusion should only be used if a staff member can continuously monitor the student for visual or auditory signs of physiological distress and can communicate with the student.

1. Students should be permitted to use the restroom as needed, and be escorted to and from the restroom.
2. Students should be provided water as needed.
3. Students should be permitted to consume lunch or other regularly scheduled meals.

G. Time out procedures that do not constitute seclusion are permitted in school.

H. All seclusion environments should be inspected for adherence to regulations affecting school accreditation.

## **VII. When Seclusion Procedures Should Not Be Employed**

- A. When the significant imminent risk of injury no longer exists.
- B. When known medical or physical conditions of the student would make the seclusion procedures dangerous for that student (e.g., students with heart or circulatory conditions, asthma, or other conditions).
- C. Seclusion should never be used as a punishment, or for the purposes of discipline or convenience, or to force compliance with staff commands.

## **VIII. Training**

- A. The District will provide all staff members with prevention and conflict de-escalation training which includes the dangers of physical restraint and seclusion, and procedures for contacting staff trained in physical restraint when behavioral crises occur.
  1. This prevention and conflict de-escalation training will be recurrent and will be provided to new staff.
- B. The District will determine a physical restraint and seclusion training curriculum and method of providing such training that complies with applicable regulatory guidance.
- C. A core group of appropriate personnel will be trained and “certified” in each building in prevention and conflict de-escalation which will include the use of physical restraint and seclusion procedures.
  1. Recurrent training to maintain “certification” will be provided on a regular basis to meet the requirements for the curriculum or program used.

## **IX. Reporting, Documentation and Debriefing Requirements**

- A. Immediately after the student has regained emotional and behavioral control following the use of physical restraint and/or seclusion, a staff member not directly involved with the incident shall examine the student to ascertain if any injury has been sustained during the physical restraint or seclusion. The staff member will document the student’s condition, administer first aid if needed, and if warranted follow District procedures and rules to seek additional medical assistance. The student, with the assistance from staff, will de-brief the incident at the earliest appropriate time.
- B. The staff member involved with the physical restraint or seclusion will have the opportunity to meet with his/her supervisor or designee after the incident to ascertain if any injury has been sustained

during the physical restraint or seclusion and determine any next steps to insure staff well-being. If no injury is sustained, the supervisor or designee will determine when the staff member can return to his/her duties. If the supervisor or designee believes the employee should not return to his/her duties, he or she shall follow District procedures and rules to seek additional medical assistance for the employee and contact Human Resources.

- C. The building administrator or designee will make reasonable efforts to notify the parent/guardian no later than the end of business on the school day on which the physical restraint/seclusion occurred. The parent ~~should~~ will be notified of the circumstances leading up to the physical restraint/seclusion and be given a point of contact for additional information.
- D. The individuals involved with the physical restraint/seclusion shall complete the District Restraint/Seclusion Incident Report as soon as possible after the incident.
- E. The building administrator or designee will send written notification to the parent/ guardian within two school days following the use of restraint or seclusion.
- F. Each staff member involved in a physical restraint/seclusion incident will engage in a de-briefing session. The purpose of the de-briefing session is to determine what could have been done to prevent this incident and the prevention of future use of physical restraint or seclusion for this student.

#### **X. Annual Review, Planning Process and Oversight**

- A. A District administrator, or designee will be designated as the coordinator of data, planning and oversight of the use of physical restraint or seclusion procedures in the District.
- B. The District shall establish or use a standing committee to conduct an annual review of all individual and program-wide data associated with this Rule.
- C. Upon review of the data, the committee shall identify any issues and/or practices that require further attention and provide written recommendations to the Superintendent for changes in policies or practices.
- D. The committee can recommend review of the training program to ensure the most current knowledge and techniques are reflected in the District training curriculum.
- E. A designated member of this committee will be responsible to submit necessary data on physical restraints and seclusions as requested by the Nebraska Department of Education or other agencies.

#### **XI. Definitions**

- A. Chemical Restraint. Use of medications to control behavior.
- B. De-Escalation. Causing a situation to become more controlled, calm and less dangerous, thus lessening the risk for injury to someone.
- C. Behavioral Assessment. Ongoing process of gathering information that can be used to hypothesize about the function of student behavior. The analysis provides the information necessary to develop a behavior plan.
- D. Imminent. Likely to happen right away; within a matter of minutes.
- E. Mechanical Restraint. Use of any device or object (e.g., tape, ropes, straps, weights, or weighted blankets) to limit an individual's body movement so as to prevent or manage out-of-control behavior.

1. Medically prescribed devices for which the purpose is to compensate for orthopedic weaknesses, to protect from falling or to permit the student to participate in activities at school are not considered to be mechanical restraints when recommended by an occupational or physical therapist, physician, physician assistant, advanced practice registered nurse, or nurse for purposes of this Rule.
  2. Educationally recommended devices included in a student's IEP at the recommendation of appropriate certificated and/or licensed personnel are not considered to be mechanical restraints for purposes of this Rule.
  3. Vehicle restraints, or other restraints used by sworn law enforcement officers are not considered to be mechanical restraints for purposes of this Rule.
- F. Physical Restraint. Any method of one or more persons restricting another person's freedom of movement, physical activity, or normal access to his/her body. Physical restraint, for purposes of this Rule, does not include:
1. Taking away a weapon (such as a knife or gun).
  2. Breaking up a fight.
  3. Physical prompts provided in the course of instruction.
  4. Applying minimal physical contact when escorting a student from one location to another.
  5. Allowable physical force pursuant to District Rule 5495.1 (III).
  6. Allowable physical contact pursuant to District Rule 5495.1 (IV).
- G. Physical Restraint and Seclusion Training. Training provided to selected staff members which addresses how to deal with aggressive, violent or out of control behavior, including specific techniques for physical restraint and seclusion. The curriculum should meet any applicable regulatory guidelines for such training and result in certification of the individuals who complete the training.
- H. Prevention and Conflict De-escalation Training. Training which is provided broadly to school staff on how to prevent, defuse and de-escalate potential behavioral emergency situations.
- I. Prone Physical Restraint. The person is being held face down lying on their stomach on a horizontal surface such as the floor.
- J. Seclusion. Student is placed in a location where they are alone, and where they are physically prevented from leaving that environment.
- K. Supine Physical Restraint. A person is being held face up on their back on a horizontal surface such as the floor.
- L. Time Out(s). Continuum of behavioral strategies to reduce inappropriate behavior by removing a student's access to positive reinforcement in the normal school setting.
- M. Significant Imminent Risk of Injury. Situation where there is serious, imminent threat of bodily harm and where there is the immediate ability to enact such harm.
- N. Staff Trained in Restraint and Seclusion. Individuals who successfully complete and maintain certification in a training program that results in acquisition of skills to prevent physical restraints, evaluate risk of harm in an individual situation, use approved physical restraint and seclusion techniques, and monitor the effect of the physical restraint or seclusion.

**Legal Reference:** H.R. 4247: Peterson, R. (2010). Developing School Policies and Procedures for Physical Restraint and Seclusion in Nebraska Schools. A Technical Assistance Document. Lincoln, NE: Nebraska Department of Education.

**Date of Adoption:** February 21, 2011

[Revised: November 19, 2018](#)

Millard Public Schools  
Omaha, NE

**AGENDA SUMMARY SHEET**

**Agenda Item:** Approval of Rule 6130.1 Curriculum, Instruction, and Assessment- Curriculum Frameworks

**Meeting Date:** November 19, 2018

**Background/Description:** This Rule is being revised to remove the requirement for including the District mission and belief statements on the actual Framework as those can change during Strategic Planning and would then be outdated on the Board-approved Framework.

**Action Desired:** Approval of Rule 6130.1 Curriculum, Instruction, and Assessment- Curriculum Frameworks

**Policy / Strategic Plan**

**Reference:** N/A

**Responsible Person:** Heather Phipps, Tony Weers. Andy DeFreece

**Superintendent's Signature:**



## Curriculum, Instruction, and Assessment

### Curriculum Frameworks

**6130.1**

Curriculum frameworks shall be developed for each curricular area and provide the vision of the essential content of that curricular area. Frameworks shall be approved by the Board of Education. Curriculum frameworks will be comprised of the following:

~~I.~~ ~~District Mission and Beliefs~~

~~H.I.~~ Philosophy of the content area

~~III.II.~~ Relationship of Framework to Millard Public Schools Academic and College and Career Readiness Essential Learning Outcomes

~~IV.III.~~ Curriculum Planning Committee, Focus Group Participants, and Textbook/Instructional Materials Selection Committee(s)

~~V.IV.~~ Timeline of Development Events

~~VI.V.~~ PK-12 scope and sequence derived from state standards and indicators or those recommended by national/professional organizations

~~VII.VI.~~ Grade level and list of courses where standards and indicators will be taught

~~VIII.VII.~~ Instructional approaches

~~IX.VIII.~~ Appendix containing supporting documents and course descriptions for new courses

Rule adopted: May 3, 1999

Revised: February 20, 2006; May 18, 2009; October 4, 2010; June 5, 2017;

[November 19, 2018](#)

Millard Public Schools  
Omaha, Nebraska

**AGENDA SUMMARY SHEET**

**Agenda Item:** First Reading of Policy 8220:  
Internal Board Policies – Opportunities for Development

**Meeting Date:** November 19, 2018

**Background/  
Description:** The policy is being reviewed based on our seven-year cycle.

**Action Desired:** First Reading of Policy 8220:  
Internal Board Policies – Opportunities for Development

**Policy /  
Strategic Plan  
Reference:** N/A

**Responsible Person(s):** Dr. Jim Sutfin

**Superintendent's Signature:**

A handwritten signature in cursive script, appearing to read "Jim Sutfin", is displayed within a light gray rectangular box.

## Internal Board Policies

### Opportunities for Development

8220

The ~~School~~ Board places a high priority on the importance of a planned and continuing program for the education ~~of~~ ~~for~~ its members. The ultimate purpose of ~~the~~ this program is to enhance the quality and effectiveness of public school governance in the Millard School District community and a well informed Board of Education is a key part in accomplishing that purpose.

Funds shall be budgeted annually to support this program. ~~Individual-school~~ Board members shall be reimbursed for out-of-pocket costs incurred in participation in approved activities in accordance with District policy and State law. Members of the Board may select the method and means for improving the Board member's ability to perform Board duties and subject to the authority of the ~~b~~Board to approve or disapprove of the ~~b~~Board member's selection of means and methods of Board development.

The following are types of activities and services, among others, appropriate for implementing this ~~p~~Policy:

1. Participation in school board conferences, workshops, and conventions conducted by the Nebraska and the National School Boards Association ~~and the National Federation of Urban and Suburban Schools.~~
2. District sponsored training sessions for ~~school~~ Board members.
3. Publications provided by the District that address the concerns of Board members.

Policy Adopted: February 4, 1974

Revised: December 16, 2002; [December 3, 2018](#)

Reaffirmed: October 3, 2011

Millard Public Schools  
Omaha, NE

**AGENDA SUMMARY SHEET**

**Agenda Item:** Reaffirm Policy 8270:  
Internal Board Policies – Remembrances and Congratulations

**Meeting Date:** November 19, 2018

**Background/  
Description:** This policy is being reviewed based on our seven-year cycle.

**Action Desired:** Reaffirm Policy 8270:  
Internal Board Policies – Remembrances and Congratulations

**Policy /  
Strategic Plan  
Reference:** N/A

**Responsible Person(s):** Dr. Jim Sutfin

**Superintendent's Signature:**

A handwritten signature in cursive script that reads "Jim Sutfin". The signature is written in black ink on a light-colored background.

**Internal Board Policies****Remembrances and Congratulations****8270**

Reasonable and appropriate expressions of sympathy or congratulations in the name of the District may be sent to members of the community, elected officials and employees of the District as directed by the Board President.

Related Policies & Rules: 8225

Policy Adopted: September 9, 1996

Revised: March 3, 2003

Reaffirmed: October 3, 2011, [November 19, 2018](#)

Millard Public Schools

Omaha, NE

**AGENDA SUMMARY SHEET**

**Agenda Item:** Reaffirm Policy 8330:  
Internal Board Policies – Formulation of Administrative Regulations

**Meeting Date:** November 19, 2018

**Background/  
Description:** This policy is being reviewed based on our seven-year cycle.

**Action Desired:** Reaffirm Policy 8330:  
Internal Board Policies – Formulation of Administrative Regulations

**Policy /  
Strategic Plan  
Reference:** N/A

**Responsible Person(s):** Dr. Jim Sutfin

**Superintendent's Signature:**

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## Internal Board Policies

### Formulation of Administrative Regulations

**8330**

The Superintendent shall implement the policies of the Board and provide for the District to meet the requirements of law. He or she shall, from time to time, formulate and enact rules and regulations for the operating of the schools of the District and District activities.

The rules and regulations shall be approved by the Board prior to the effective date of the rules and regulations.

The Superintendent may delegate to building principals and other administrators authority to formulate and establish rules and regulations for buildings and activities. The rules and regulations of the building principals and administrators shall be subject to the approval of the Superintendent and Board.

The Superintendent or his or her designee shall select the means of publication to inform persons and organizations to which the rules and regulations apply.

Policy Adopted: February 4, 1974

Revised: March 3, 2003

Reaffirmed: September 19, 2011, [November 19, 2018](#)

Millard Public Schools  
Omaha, NE

**AGENDA SUMMARY SHEET**

**Agenda Item:** Within District Transfer Capacity Standards for 2019-2020 School Year

**Meeting Date:** November 19, 2018

**Background/****Description:**

Within District transfer capacities are approved by the Board on an annual basis. The capacity standards identify which schools will be closed to within District transfer for the subsequent school year. Within district transfer requests are received by the District beginning on the first day of school through February 15<sup>th</sup> annually.

**Action Desired:** Approval

**Policy /****Strategic Plan**

**Reference:** N/A

**Responsible Person(s):** Bill Jelkin, Director of Student Services

**Superintendent's Signature:**

The following outlines the capacity standards for within district transfer for all buildings and special programs. Each transfer application is reviewed on a case-by-case basis to ensure space availability.

**\*\*Please Note\*\*** If a student attends a closed school and moves out of the closed school's attendance area, the student may complete the current school year at the closed school. Also, such a student who moves from one school's attendance area to that of another within the District during the school year, may be allowed to finish the level if a Within District Transfer Request is approved.

| <b>The following schools/programs have limited space available for within district transfer students:</b>               |             |                           |                   |
|---|-------------|---------------------------|-------------------|
| <b>Elementary Schools</b>   |             |                           |                   |
| Abbott  | Ackerman    | Aldrich                   | Black Elk         |
| Bryan   | Cather      | Cody                      | Cottonwood        |
| Disney  | Ezra        | Harvey Oaks               | Hitchcock         |
| Holling Heights   | Montclair   | Morton                    | Neihardt          |
| Norris  | Rockwell    | Rohwer                    | Sandoz            |
| Upchurch  | Willowdale  |                           |                   |
| <b>Elementary Special Programs</b>  |             |                           |                   |
| Cather Core   | Disney Core | Montclair Montessori      | Norris Montessori |
| <b>Middle Schools</b>   |             |                           |                   |
| Andersen  | Central     | Kiewit                    | Millard North     |
| Families may request transfer to Russell Middle School for <b>sixth grade only</b> . Grades seven and eight are closed. |             |                           |                   |
| <b>Middle School Special Programs</b>   |             |                           |                   |
| Central Middle School Montessori  |             |                           |                   |
| <b>High Schools</b>   |             |                           |                   |
| Millard North High School   |             | Millard South High School |                   |
| <b>Special Education Programs</b>   |             |                           |                   |
| Alternate Curriculum Program  |             | Behavioral Skills Program |                   |

| <b>The following schools/programs are closed to within district transfer students:</b> |  |         |  |
|--|--|---------|--|
| <b>Elementary Schools</b>  |  |         |  |
| Reeder   | Reagan   | Wheeler |  |
| <b>Middle Schools</b>  |  |         |  |
| Beadle   | Russell closed 7 <sup>th</sup> and 8 <sup>th</sup> grade |         |  |
| <b>High Schools</b>  |  |         |  |
| Millard West High School   |  |         |  |

**AGENDA SUMMARY SHEET**

**Agenda Item:** Option Enrollment Capacity Standards for 2019-20

**Meeting Date:** November 19, 2018

**Background/  
Description:**

Option enrollment capacity standards are approved by the Board on an annual basis. The capacity standards identify which schools will be closed to option enrollment for the subsequent school year. Option enrollment applications are accepted by the District September 1<sup>st</sup> through March 15<sup>th</sup> annually.

**Action Desired:** Approval

**Policy /  
Strategic Plan  
Reference:**

N/A

**Responsible Person(s):** Bill Jelkin, Director of Student Services

**Superintendent's Signature:**

A handwritten signature in black ink, appearing to read "Jim Suter", is written on a light-colored rectangular background.

The chart below summarizes the capacity standards for Option Enrollment for all buildings and special programs. The Option Enrollment application window opens on Sept. 1 and closes on March 15.

| <b>The following schools/programs have limited space available for option enrollment students:</b> |             |                           |                   |
|--|-------------|---------------------------|-------------------|
| <b>Elementary Schools</b>  |             |                           |                   |
| Abbott   | Ackerman    | Aldrich                   | Black Elk         |
| Bryan  | Cather      | Cody                      | Cottonwood        |
| Disney   | Ezra        | Harvey Oaks               | Hitchcock         |
| Holling Heights  | Montclair   | Morton                    | Neihardt          |
| Norris   | Rockwell    | Sandoz                    | Upchurch          |
| Willowdale   |             |                           |                   |
| <b>Elementary Special Programs</b>   |             |                           |                   |
| Cather Core  | Disney Core | Montclair Montessori      | Norris Montessori |
| <b>Middle Schools</b>  |             |                           |                   |
| Andersen   | Central     | Kiewit                    | Millard North     |
| <b>Middle School Special Programs</b>  |             |                           |                   |
| Millard Central Middle School Montessori   |             |                           |                   |
| <b>High Schools</b>  |             |                           |                   |
| Millard North High School  |             | Millard South High School |                   |
| <b>Special Education Programs</b>  |             |                           |                   |
| Alternate Curriculum Program   |             | Behavioral Skills Program |                   |

| <b>The following schools/programs are closed to option enrollment due to capacity:</b> |         |        |         |
|--|---------|--------|---------|
| <b>Elementary Schools</b>  |         |        |         |
| Reagan   | Reeder  | Rohwer | Wheeler |
| <b>Middle Schools</b>  |         |        |         |
| Beadle   | Russell |        |         |
| <b>High Schools</b>  |         |        |         |
| Millard West High School   |         |        |         |

For more information regarding Option Enrollment please consult Policy 5100 and Rule 5100.3 at [www.mpsomaha.org](http://www.mpsomaha.org).

## AGENDA SUMMARY SHEET

**Agenda Item:** Approval of High School Curriculum Handbook and Registration Guide 2019-2020

**Meeting Date:** November 19, 2018

**Background/**

**Description:** Major changes to the Millard Public Schools High School Curriculum Handbook and Registration Guide for 2019-2020 include the following:

Language Arts electives are updated based on the Board-approved Framework.

UNMC High School Alliance and Zoo Academy are included.

Industrial Technology is undergoing a change in name to Skilled and Technical Sciences. Both names are included through transition.

**Action Desired:** Approval

**Policy/Strategic Plan**

**Reference:** Parameter: We will always communicate effectively, both internally and externally, in order to implement our Strategic Plan, operate our schools, and maintain high levels of student, staff, family, and community support.

**Responsible Person(s):** Dr. Heather Phipps, Dr. Anthony Weers, Dr. Melanie Olson, Dr. Jennifer Allen, Mary Bayne, Julie Kemp, Andy Pinkall, and Curriculum & Instruction MEP Facilitators

**Superintendent's Signature:**





High School  
Curriculum Handbook  
and  
Registration Guide

2019-2020

# Millard Public Schools

## Millard Board of Education

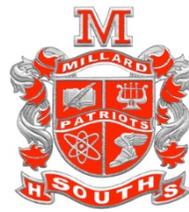
**Dave Anderson**  
**Stacy Jolley**  
**Mike Kennedy**  
**Amanda McGill Johnson**  
**Mike Pate**  
**Linda Poole**

**JIM SUTFIN, Ed.D., SUPERINTENDENT**

### NOTICE OF NONDISCRIMINATION

The Millard School District does not discriminate on the basis of race, color, religion, national origin, gender, marital status, disability, age, or on any other basis prohibited by federal, state, or local laws in admission or access to or access to or treatment of employment, in its programs and activities. The following person has been designated to handle inquiries regarding the discrimination and harassment policies: Associate Superintendent of Human Resources, 5606 South 147 Street, Omaha, NE 68137 (402) 715-8200. The Associate Superintendent of Human Resources may delegate this responsibility as needed. Complaints by school personnel or job applicants regarding unlawful discrimination or unlawful harassment (including sexual harassment) shall follow the procedures of District Rule 4001.2. Complaints by students or parents regarding unlawful discrimination or unlawful harassment (including sexual harassment) shall follow the procedures of District Rule 5010.2.

It is the intent of District and High School administrators to offer all courses and programs as noted within the 2019-2020 High School Curriculum Handbook and Registration Guide. However, courses and/or program offerings may be canceled due to budget constraints and/or low enrollment numbers.



Dear Students:

The high school years hold some of the most exciting times in your life. We encourage you to fully engage in student life, select and participate in a variety of challenging courses while utilizing digital learning tools, participate in activities and make new friends while in high school. Millard Public Schools' goal is to guarantee that each student develops the character traits and masters the knowledge and skills necessary for personal excellence and responsible citizenship. The Millard Essential Learner Outcomes not only include the Academic Skills and Applications you will master prior to graduation but also the College and Career Readiness Skills needed for your post-secondary endeavors. Your desire to learn and the decisions you make determine your future success!

We are pleased with the diverse opportunities in our high schools, consisting of a variety and depth of courses offered including twenty-five Advanced Placement® courses, the International Baccalaureate® Programmes, the Information Technology Mini-Magnet Program, four MPS Career Academies, Early College, and Air Force Junior Reserve Officer Training (AFJROTC). Some programs may require an application or transfer to the host high school. Detailed information about all of these opportunities is included on the following pages.

We encourage you to consider your course selections carefully. As you focus on college and career readiness standards, challenge yourself to take full advantage of the academic opportunities offered in Millard. Students considering post-secondary education should enroll in the most challenging English, mathematics, science, social studies, and world language courses in addition to your elective opportunities in order to best be prepared for success. In addition, refer to your results from Pre-ACT™ and/or Advanced Placement® exams to help you select classes that will prepare you for college and career. Universities, colleges, and trade schools look for students who take the most rigorous courses available to them while in high school. Take advantage of the opportunities to learn and mature mentally, physically and socially, so you can be best prepared for your future career.

The Personal Learning Plan (PLP) helps you focus on personal, academic and post-secondary plans. Use your PLP while working with your parents, advisor and counselor to make academic choices. Your future plans are contingent on the decisions you make today. Carefully consider graduation requirements, MPS Diploma Paths, and your post-secondary goals as you select courses.

We wish you success in the 2019-2020 school year.

Angie Craft  
Principal  
Keith Lutz Horizon High School

Brian Begley  
Principal  
Millard North High School

Heidi Weaver  
Principal  
Millard South High School

Greg Tiemann  
Principal  
Millard West High School



|  |     |
|--|-----|
| Introduction and Graduation Requirements   |     |
| Introduction .....   | 1   |
| Graduation Requirements - Classes of 2020 and Beyond .....                           | 2   |
| Additional Graduation Information .....  | 4   |
| Personal Learning Plan.....  | 5   |
| Assessment Requirements.....   | 6   |
| Four Year Plan - Classes of 2020 and Beyond.....                                     | 10  |
| International Baccalaureate® 4-Year Plan .....                                       | 11  |
| Course Descriptions  |     |
| Art .....  | 15  |
| Business and Information Technology.....   | 19  |
| English Language Learner (ELL).....  | 25  |
| Family and Consumer Sciences.....  | 27  |
| Industrial Technology.....   | 30  |
| Language Arts: English and Reading .....   | 36  |
| Mathematics .....  | 44  |
| Music .....  | 50  |
| Physical Education .....   | 54  |
| Science .....  | 59  |
| Social Studies.....  | 64  |
| Special Education.....   | 69  |
| World Language.....  | 73  |
| Specialized Programs   |     |
| Academies at Millard High Schools.....   | 83  |
| Business and Entrepreneurship Academy .....  | 85  |
| Business and Logistics Management Academy .....                                      | 88  |
| Education Academy .....  | 91  |
| Health Sciences Academy .....  | 94  |
| Advanced Placement® Courses .....  | 97  |
| Air Force Junior Reserve Officer Training Corps (AFJROTC) Program.....               | 98  |
| Early College.....   | 100 |
| Information Technology Mini-Magnet.....  | 108 |
| International Baccalaureate® Middle Years Programme .....                            | 111 |
| International Baccalaureate® Diploma Programme.....                                  | 114 |
| Other Opportunities.....   | 120 |
| Academies at Metropolitan Community College .....                                    | 123 |
| Planning Resources   |     |
| Post-secondary Planning: Personal Learning Plans, ACT® and Advanced Placement® ..... | 129 |
| Personal Learning Plan Rubric.....   | 130 |
| MPS Diploma Paths .....  | 131 |
| Business, Marketing and Management.....  | 133 |
| Communication and Information Systems .....  | 134 |
| Health Sciences .....  | 136 |
| Human Sciences and Education .....   | 137 |
| Industrial, Manufacturing, and Engineering Systems.....                              | 138 |
| Dual Enrollment Opportunities .....  | 140 |
| College Athletics Eligibility and Planning: NCAA, NAIA, NJCAA .....                  | 141 |
| Quick Reference Table of all Millard Courses .....                                   | 143 |
| Credit Count Form - Classes of 2020 and Beyond.....                                  | 159 |



# **Introduction and Graduation Requirements**



The *Curriculum Handbook and Registration Guide* provides information about the academic programs offered by Millard Public Schools for the 2019-2020 year. The handbook contains information on graduation requirements and course offerings, and provides additional resources to serve as a registration guide.

High school course selection is an important decision that helps students prepare for graduation and post-secondary endeavors. In addition to meeting graduation requirements, students should select the most challenging courses that allow them to explore or strengthen areas of interest and prepare for post-secondary education and careers.

The handbook is divided into four sections:

- Section I provides information on the Board of Education approved graduation requirements. A Four Year Plan Sheet is provided to assist in thoughtful discussions and decisions towards post-secondary plans.
- Section II describes all courses, is organized by academic discipline, and contains flowcharts and tables explaining course sequences.
- Section III describes specialized programs including Academies in Millard high schools, Advanced Placement® courses, Information Technology Mini-Magnet, International Baccalaureate®, Early College, AFJROTC, and Academies at Metropolitan Community College.
- Section IV provides information on post-secondary planning, Personal Learning Plans, ACT® scores and Core Curriculum, Advanced Placement® courses, Diploma Paths, Dual Enrollment opportunities, and NCAA, NAIA, and NJCAA athletic eligibility. A master quick-reference table and credit count form are provided within this section.

To earn a diploma from Millard Public Schools, each student must meet three criteria:

- Complete course and credit requirements
- Meet the Essential Learner Outcomes of College and Career Readiness in Reading, Mathematics, and Writing
- Complete a Personal Learning Plan (PLP)

Students should use their Personal Learning Plans (PLP) as a tool to help identify and document their accomplishments, strengths, and interests. Students record their goals, create plans for accomplishing these goals, and document progress. With careful planning, students can prepare for post-secondary education and careers while also completing graduation requirements.

Specialized programs listed in the chart below are open to all Millard students. Information about these programs is located in the specialized programs section.

| <b>Program</b>                              | <b>Location</b>                              | <b>Student Assignment Status</b>  |
|---|--|---|
| AFJROTC                                     | Millard South High School                    | Students must transfer to Millard South.  |
| Early College                               | Millard South High School                    | Students must transfer to Millard South.  |
| International Baccalaureate® Programme      | Millard North High School                    | Students must transfer to Millard North.  |
| Information Technology Mini-Magnet          | Millard South High School                    | Students must transfer to Millard South.  |
| Business and Entrepreneurship Academy       | Millard South High School                    | Students attend their home high school for half the school day and travel to Millard South for the other half day.      |
| Business and Logistics Management Academy   | Keith Lutz Horizon High School               | Students attend their home high school for half the school day and travel to Keith Lutz Horizon for the other half day. |
| Education Academy                           | Millard West High School                     | Students attend their home high school for half the school day and travel to Millard West for the other half day.       |
| Health Sciences Academy                     | Keith Lutz Horizon High School               | Students attend their home high school for half the school day and travel to Keith Lutz Horizon for the other half day. |
| Academies at Metropolitan Community College | Metropolitan Community College (MCC)         | Students attend their home high school for half the school day and travel to MCC for the other half day.                |
| UNMC Academy                                | University of Nebraska Medical Center (UNMC) | Students attend their home high school for half the school day and travel to UNMC for the other half day.               |
| Zoo Academy                                 | Henry Doorly Zoo                             | Students attend their home high school for half the school day and travel to Henry Doorly Zoo for the other half day.   |

# GRADUATION REQUIREMENTS CLASSES OF 2020 and Beyond

| Program   | Total Course/Subject Credits | Course or Subject Areas   | Credits | University of Nebraska System Requirements**  |
|---|------------------------------|---|---------|---|
| <b>Language Arts</b>  | <b>40</b>                    | English 9   | 10      | 4 years<br><br>All courses must include intensive reading and writing   |
|   |                              | English 10  | 10      |   |
|   |                              | English 11  | 10      |   |
|   |                              | Oral Communications   | 5       |   |
|   |                              | Choice of an English Course   | 5       |   |
| <i>Oral Communications:</i> <ul style="list-style-type: none"> <li>• Competitive Debate</li> <li>• Debate (Debate 1)</li> <li>• Forensics: Competitive Speech (Forensics)</li> <li>• Speech</li> <li>• Combination of IB Language A1, IB Language B, and Theory of Knowledge I &amp; II</li> <li>• Professional Speaking (Education Academy)</li> </ul> |                              | <i>English Selected Courses:</i> <ul style="list-style-type: none"> <li>• AP English Language and Composition</li> <li>• AP English Literature and Composition</li> <li>• College Writing (Research Methods)</li> <li>• Contemporary Literature</li> <li>• Creative Writing</li> <li>• Global Perspectives through Literature</li> <li>• IB English HL II</li> <li>• Literacy for Life</li> <li>• Literature and Film</li> <li>• Media Analysis (21<sup>st</sup> Century Media Literacy)</li> <li>• Popular Genres in Literature</li> </ul> |         |   |
| <b>Social Studies</b>   | <b>30</b>                    | World Geography – 9 <sup>th</sup>   | 5       | 3 years<br><br>1 course American History and/or World History<br><br>1 course History, American Government and/or Geography<br><br>1 course Social Science                      |
|   |                              | World History – 10 <sup>th</sup>  | 10      |   |
|   |                              | United States History – 11 <sup>th</sup> or 12 <sup>th</sup>  | 10      |   |
|   |                              | United States Government & Economics – 11 <sup>th</sup> or 12 <sup>th</sup>   | 5       |   |
|   |                              |   |         |   |
| <b>Mathematics</b>  | <b>30</b>                    | Algebra I or Algebra I: Foundations 1   | 10      | 4 years*<br><br>Algebra I, Geometry, Algebra II and 1 year that builds on Algebra II<br><br>*UNL requires 4 years of mathematics<br>*UNO and UNK require 3 years of mathematics |
|   |                              | A mathematics course numbered 220 or higher   | 10      |   |
|   |                              | An additional mathematics course  | 10      |   |
|   |                              | Note: Computer Science courses may not be applied toward mathematics credit.  |         |   |
| <b>Science</b>  | <b>30</b>                    | Biology – 9 <sup>th</sup>   | 10      | 3 years of natural science<br><br>At least 2 courses selected from Biology, Chemistry, Physics and Earth Sciences<br><br>1 course must include laboratory instruction           |
|   |                              | Chemistry or<br>Physical Science: Chemistry – 10 <sup>th</sup>  | 10 or 5 |   |
|   |                              | Physics or<br>Physical Science: Physics – 11 <sup>th</sup>  | 10 or 5 |   |
|   |                              | Choice of Science Elective (dependent upon choice of 5 or 10 credit Chemistry and Physics courses)  | 0-10    |   |

# GRADUATION REQUIREMENTS CLASSES OF 2020 and Beyond

| Program                         | Total Course/Subject Credits | Course or Subject Areas  | Credits | University of Nebraska System Requirements** |
|---------------------------------|------------------------------|--|---------|--|
| <b>Physical Education</b>       | 15                           | See course descriptions for grade appropriate selections   | 15      |  |
| <b>Health Education</b>         | 5                            | Healthy Living (Everyday Living)   | 5       |  |
| <b>Financial Literacy</b>       | 5                            | <ul style="list-style-type: none"> <li>• Personal Finance</li> <li>• Wealth Building and Personal Finance (Business and Entrepreneurship Academy)</li> <li>• Life Skills &amp; Career Opportunities (AFJROTC)</li> </ul>   | 5       |  |
| <b>Fine and Performing Arts</b> | 5                            | Choice of Fine and Performing Arts selected courses: <ul style="list-style-type: none"> <li>• Any art course</li> <li>• Any music course</li> <li>• Theatre and Performance I (Drama I)</li> <li>• Theatre Appreciation</li> </ul>   | 5       |  |
| <b>Human Resources</b>          | 5                            | Choice of a Human Resource course: <ul style="list-style-type: none"> <li>• Adult Life and Parenting</li> <li>• Child Development</li> <li>• Human Diversity</li> <li>• IB Psychology SL (NHS)</li> <li>• IB Theory of Knowledge I (NHS)</li> <li>• International Relations</li> <li>• Introduction to Behavioral Sciences</li> <li>• Psychology</li> <li>• Sociology</li> </ul> | 5       |  |
| <b>Electives</b>                | 65                           | A total of 65 additional credits selected from any course areas  | 65      | 2 years of the same World Language           |

\*\* The University of Nebraska has three undergraduate campuses: University of Nebraska-Lincoln, University of Nebraska-Omaha, and University of Nebraska-Kearney.

\*\* In addition, students must graduate in the upper half of their high school class, have an ACT® score of 20 or higher, or an SAT® score of 950 or higher.

| <b>Credit Summary</b>  |    |                          |    |                 |            |
|------------------------|----|--------------------------|----|-----------------|------------|
| Language Arts: English | 40 | Physical Education       | 15 | Human Resources | 5          |
| Social Studies         | 30 | Health Education         | 5  | Electives       | 65         |
| Mathematics            | 30 | Financial Literacy       | 5  |                 |            |
| Science                | 30 | Fine and Performing Arts | 5  | <b>Total</b>    | <b>230</b> |

## ADDITIONAL GRADUATION INFORMATION

1. A grade of four (4) or better must be maintained in any course used to fulfill graduation requirements. Should a “pass-fail” grading system be utilized in a course, only a “pass” grade will fulfill graduation requirements.
2. Students should be aware of the entrance requirements of post-secondary schools they may choose to attend.
3. In order to provide flexibility in such situations as transfers and special needs, course waivers may be submitted by staff and approved by the principal.
4. Grading Guidelines for Second – Twelfth Grade (Board of Education Rule 6330.1)

The Millard Public Schools Grading Guidelines for second through twelfth grade shall be used to report achievement, academic progress, and compute Grade Point Averages (GPA) and Class Rankings where applicable.

| Number Grade | Letter Grade | % Grade Range | Standard Grade Points | Weighted Grade Points |
|--------------|--------------|---------------|-----------------------|-----------------------|
| 1 =          | A =          | 100-93 =      | 20 Grade points or    | 25 Grade points       |
| 2 =          | B =          | 92-85 =       | 15 Grade points or    | 20 Grade points       |
| 3 =          | C =          | 84-77 =       | 10 Grade points or    | 15 Grade points       |
| 4 =          | D =          | 76-69 =       | 5 Grade points or     | 10 Grade points       |
| 5 =          | F =          | 68-0 =        | 0 Grade points        | 0 Grade points        |
| P =          | P =          | Pass =        | 0 Grade points        | 0 Grade points        |
| F =          | F =          | Fail =        | 0 Grade points        | 0 Grade points        |

Weighted grade points will apply to Advanced Placement® courses, to those courses taken for International Baccalaureate® Diploma Programme purposes wherein students are required to meet IB requirements for standard level or higher level assessment, and to those courses which are beyond the Advanced Placement® course sequence within a specific content area as identified in the *Millard Public Schools High School Curriculum Handbook and Registration Guide*. IB Middle Years Programme and IB Diploma prerequisite courses do not qualify for weighted grade points.

A student’s Grade Point Average (GPA) shall be calculated by dividing the total Grade Points achieved (standard and weighted) by the total course credits attempted.

Effective with the high school class of 2020 and thereafter, class rank will no longer be calculated.

5. It is strongly recommended that each student take at least 6 classes each semester, 3 per semester in a 4x4 block schedule. All students must register for a minimum of 4 classes, 2 in a 4x4 block, each semester. Credit is not given for study halls.
6. **ELIGIBILITY FOR ACTIVITIES:** In order to participate in interscholastic athletic competition and/or activities, Millard Public Schools requires that a student be enrolled in at least 20 credit hours per semester (Millard West and Keith Lutz Horizon block, 10 credits per term) and has consistent attendance as well as having received 20 credit hours (Millard West and Keith Lutz Horizon block, 10 credits per term) the immediate preceding semester.
7. **CURRICULUM OPTIONS AVAILABLE TO PARENTS:** In a diverse society, there may be occasional situations when parents are uncomfortable with the use of a particular book or unit in their child’s school. If families should find themselves in this position, Millard Public Schools has a long-standing policy that, at the request of parents, students may be excused from using such materials. When such a request is made, the teacher will provide alternative materials for the student. Parents should contact the principal’s office or their child’s teacher if they have questions about this policy.

## PERSONAL LEARNING PLAN

**In addition to 230 credits required for graduation, each student must also meet the Essential Learner Outcomes of College and Career Readiness and successfully complete his or her Personal Learning Plan (PLP).**

Personal Learning Plans (PLPs) assist each student to set and achieve challenging educational goals tailored to his or her abilities, interests, and aspirations. The Personal Learning Plan includes a focus on personal, academic and career/college areas. The Personal Learning Plan defines specific expectations for each grade level of high school.

During each of their four years, students are asked to create short-term and long-term S.M.A.R.T. Goals (Specific and Strategic, Measurable, Attainable, Results-Oriented, Time-Bound) which are then monitored by the student and his or her advisor throughout the school year. Each year students also reflect on experiences that support their preparation for college and career.

During their freshman year of high school, students begin to create their resumés and then update them at least annually. The resumé could be used for upcoming job interviews or college entrance interviews. Additional requirements include the following:

### Freshman

- Career Interest Profiler
- Four Year Course Plan
- Learning Styles Inventory
- Developmental Asset Profile®

### Sophomore

- Four Year Course Plan
- College and Career Readiness Measure
- Do What You Are Inventory
- Pre-ACT™ Test Reflection

### Junior

- My Game Plan
- Four Year Course Plan
- ACT® Test Reflection

### Senior

- My Game Plan
- Four Year Course Plan
- Resumé Page Finalized
- Counselor Interview

The PLP will be completed using the *Naviance Family Connection* website. Student progress will be monitored and recorded in Naviance by a school representative such as an advisor, counselor, and/or an administrator. Parents are encouraged to visit their child's Personal Learning Plan to hold conversations, to monitor progress, and to encourage their child's efforts.

At least one month prior to graduation, the Senior PLP must be completed and finalized through *Naviance Family Connection*. Transfer students are expected to complete a Personal Learning Plan with the understanding that the principal (or designee) may waive previous requirements based on the entrance date of the student.

Students and parents may access *Naviance Family Connection* from the link on each high school web page.

**In addition to 230 credits required for graduation, each student must also meet the Essential Learner Outcomes of College and Career Readiness in Reading, Mathematics, and Writing, and complete his or her Personal Learning Plan (PLP).**

Secondary Grade Level Measurements:

- 10<sup>th</sup> Grade        MPS Writing Assessment  
                          Pre-ACT™
- 11<sup>th</sup> Grade        ACT® Assessment

**III. Effect of Student Performance**

- A. When a student has successfully met the Essential Learner Outcomes of College and Career Readiness metric for each outcome:
1. A notation shall be made in the student’s cumulative record. Such information will be communicated to parent(s)/guardian(s) in writing.
  2. Students who meet the College and Career Readiness metric for the high school Essential Learner Outcomes of College and Career Readiness assessments have met an essential criterion for graduating from the Millard Public Schools. Upon successful completion of the required number of credits and Personal Learning Plan as defined by Policy 6320 and Rule 6320.1, students shall be eligible for a graduation diploma from the Millard Public Schools.
- B. If a student has not met the College and Career Readiness metric for a given Essential Learner Outcome of College and Career Readiness, the following shall occur:
1. The school/district will initiate a consistent and collaborative problem solving and intervention model called Multi-tiered Systems of Support (MTSS). Records of problem solving and intervention strategies are required.
  2. Utilizing the MTSS problem solving process, school representatives will offer the student learning activities that address recognized Essential Learner Outcomes of College and Career Readiness deficiencies. Learning activities may include, but are not limited to, the following:
    - a. Differentiated/complementary instruction during regular classes (i.e., peer tutoring, needs groups, individualized instruction);
    - b. Before or after school tutorials;
    - c. Study hall tutorials;
    - d. Change of interdisciplinary teams or level of instruction;
    - e. Repeat of specific course(s) of study;
    - f. Assignment to and attendance at specific class(es) designed to address deficiencies;
    - g. Attendance at summer school; and/or
    - h. Use of specific District identified interventions designed to support student achievement.
  3. If the student is verified with a disability the IEP Team may reconvene to review the problem solving and intervention strategies and to ensure that the IEP is written to assist the student in areas of weakness and that appropriate accommodations are in place.
  4. If the student has a 504 Accommodation Plan, the 504 Team may reconvene to review the problem solving and intervention strategies and to ensure that needed accommodations are in place in areas of weakness.
  5. If the student is identified as an English Language Learner (ELL), a school team responsible for planning the student’s academic program may reconvene to review the problem solving and intervention strategies and to ensure that needed accommodations are in place in areas of weakness.
- C. Procedures for high school students
1. If a student has not met the College and Career Readiness metric for a given Essential Learner Outcomes of College and Career Readiness as measured by the ACT® Assessment, the following shall occur:
    - a. The problem solving and intervention strategies will be reviewed by a qualified team and, if necessary, redesigned. Students shall be referred to Building Problem Solving Team for identification of needs if not previously referred.
    - b. The building will review the student’s results of the Nebraska State Accountability Test. If the student has successfully met the Essential Learner Outcomes of College and Career Readiness metric measured by Nebraska State Accountability Test for each outcome, then
      - i. A notation shall be made in the student’s cumulative record. Such information will be communicated to parent(s)/guardian(s) in writing.

- ii. Students who meet the College and Career Readiness metric for the high school Essential Learner Outcomes of College and Career Readiness assessments have met an essential criterion for graduating from the Millard Public Schools. Upon successful completion of the required number of credits and Personal Learning Plan as defined by Policy 6320 and Rule 6320.1, the students shall be eligible for a graduation diploma from the Millard Public Schools.
  - c. Students may submit additional ACT® results for consideration in meeting the College and Career Ready metrics from testing occasions for which they have independently registered.
- 2. If after review of the student's results of the Nebraska State Accountability Test a student has not met the College and Career Readiness metric for a given Essential Learner Outcomes of College and Career Readiness, the following shall occur:
  - a. The problem solving and intervention strategies will be reviewed by a qualified team and, if necessary, redesigned. Students shall be referred to Building Problem Solving Team for identification of needs if not previously referred.
  - b. The building will review the student's results of Pre-ACT® or ACT® Plan or ACT® 10th Grade Aspire Assessment. If the student has successfully met the Essential Learner Outcomes of College and Career Readiness metric measured by Pre-ACT® or ACT® Plan or ACT® 10th Grade Aspire Assessment for each outcome, then
    - i. A notation shall be made in the student's cumulative record. Such information will be communicated to parent(s)/guardian(s) in writing.
    - ii. Students who meet the College and Career Readiness metric for the high school Essential Learner Outcomes of College and Career Readiness assessments have met an essential criterion for graduating from the Millard Public Schools. Upon successful completion of the required number of credits and Personal Learning Plan as defined by Policy 6320 and Rule 6320.1, the students shall be eligible for a graduation diploma from the Millard Public Schools.
- 3. If after review of the student's results of the student's results of Pre-ACT® or ACT® Plan or ACT® 10th Grade Aspire Assessment a student has not met the College and Career Readiness metric for the Essential Learner Outcomes of College and Career Readiness, the following shall occur:
  - a. The problem solving and intervention strategies will be reviewed by a qualified team and, if necessary, redesigned. Students shall be referred to Building Problem Solving Team for identification of needs if not previously referred.
  - b. The building will review and administer locally-developed Essential Learner Outcome assessments. If the student has successfully met the Essential Learner Outcomes of College and Career Readiness metric measured by locally-developed ELO assessments for each outcome, then
    - i. A notation shall be made in the student's cumulative record. Such information will be communicated to parent(s)/guardian(s) in writing.
    - ii. Students who meet the College and Career Readiness metric for the high school Essential Learner Outcomes of College and Career Readiness assessments have met an essential criterion for graduating from the Millard Public Schools. Upon successful completion of the required number of credits and Personal Learning Plan as defined by Policy 6320 and Rule 6320.1, the students shall be eligible for a graduation diploma from the Millard Public Schools.
    - iii. The student shall be retested using the appropriate Essential Learner Outcomes of College and Career Readiness assessment. Students shall be given the opportunity to be retested multiple times until the requisite College and Career Readiness metric is achieved. Students shall be given notice of the opportunities for retesting.
- 4. The student will be considered ineligible for a diploma from the Millard Public Schools until such time that the requisite College and Career Readiness metrics are achieved for high school Essential Learner Outcomes of College and Career Readiness assessments.
- 5. If the student is verified with a disability or has a 504 Accommodation Plan, then the IEP or 504 Team will reconvene to review the education plan and may consider lowering the College and Career Readiness metric requirement as part of the IEP or 504 Accommodation Plan. The student's parent(s) and/or guardian(s) shall be notified and shall also be advised of the effect of lowering the College and Career Readiness metric.
  - a. Applications for approval of lowered College and Career Readiness metric requirements may be submitted by the student's IEP or 504 Team to the Associate Superintendent of Educational Services for consideration and where appropriate, approval. The Associate Superintendent of Educational Services or designee shall decide and respond to all such requests.

- b. If the lowered College and Career Readiness metric is approved, the student shall then be eligible to receive a graduation diploma with appropriate notation from the Millard Public Schools as provided in Rule 6320.1.

D. **Demonstration of Proficiency –**

Additional opportunities are available to demonstrate student proficiency.

After review of ACT<sup>®</sup> Assessment, Nebraska State Accountability Tests, Pre-ACT<sup>®</sup> or ACT<sup>®</sup> Plan or ACT<sup>®</sup> 10th Grade Aspire Assessment and one or more attempts on Essential Learner Outcome of College and Career Readiness locally-developed assessments without achieving the College and Career Readiness metric, students, under building supervision, shall participate in a process, as provided in the District's Assessment Procedures, to demonstrate an appropriate level of proficiency in reading, writing, math, or science (science for class of 2017 or prior). A student who successfully meets the standards and requirements of a Demonstration of Proficiency shall have met one of the essential criteria for graduating from the Millard Public Schools. Mechanisms by which students may demonstrate proficiency include:

1. Performance portfolios comprised of District developed course assessment scores reading, writing, and math.
2. Approved Advanced Placement course grades of a "C" or higher or an approved AP exam score of a 2 or higher for an AP English course as evidence of Reading and Writing competency, or grades of a "C" or higher or an AP exam score of a 2 or higher for an AP mathematics exam. All AP courses and exams used for this purpose shall have been provided by and/or taken while enrolled in an accredited institution.
3. Approved dual enrollment course grades as evidence of Reading, Writing, or Mathematics competencies e.g. the Metropolitan Community College (MCC) Developmental Math Course.
4. Measures of Academic Progress (MAP) RIT score in high school Reading or Mathematics comparable to near College and Career Ready ACT score.

**IV. District Procedures for Opting Out of Recommended Reteaching**

- A. Should a student participating in the Assessment Program not meet the requisite College and Career Readiness metric and be recommended for one of the problem solving and intervention strategies listed above, including placement in a specific required course, the student's parent(s)/guardian(s) shall have the right to refuse placement of their student within the recommended strategy and either:
  1. Request an alternative teaching strategy; or
  2. Refuse such placement at all.
- B. Such requests for an alternative teaching strategy shall be submitted in writing to the appropriate building principal. The building principal or designee shall respond within thirty (30) calendar days.

**V. District Procedures for New Students**

- A. At the high school level, incoming students who enroll after district administration of Pre-ACT<sup>®</sup> or ACT<sup>®</sup> Assessment and/or ACT<sup>®</sup> Plan or ACT<sup>®</sup> 10th Grade Aspire Assessment may provide verified results of these assessments from prior administration. If verified results are not provided, students will take all high school locally-developed assessments designated per Essential Learner Outcome of College and Career Readiness.

**VI. District Procedures for Students with Disabilities and ELL Students**

Pursuant to the Assessment Accommodations section of the District's Assessment Procedures Manual, all students are to participate in the District's regular assessments and the only students to be excluded are those with a disability or language proficiency which has excluded the student from the norm sample of the standardized assessment, and/or those students who have not participated in the area and/or level of the curriculum that the assessment measures. Even for such students, they are not totally exempt and they must take an alternate assessment.

**A. Procedures for Students with Disabilities**

1. The preceding assessments may not be appropriate for some students with disabilities whose individualized education programs prescribe a different course of instruction and/or different requirements for graduation. The participation of students with disabilities, the provision of accommodations, and the provision of alternate assessments will be in accordance with the District's Assessment Procedures, which include the process for identifying appropriate assessment accommodations and alternate assessments.

**B. Procedure for ELL Students**

1. Students must meet all graduation requirements in the English language to earn a Millard Public Schools diploma. ELL students who have not demonstrated adequate English language proficiencies may postpone testing according to district procedures.

**VII. Student's Right to Appeal**

- A. Students who have not achieved the necessary high school College and Career Readiness metrics as approved by the Millard Board of Education may appeal the denial of a diploma.
- B. A student may appeal the denial of a diploma only on the grounds that the student's failure to achieve the required cutscore is due to:
  - 1. The failure of the District to provide a reasonable accommodation that was previously requested by the student and denied by the District.
  - 2. The failure of the District to provide an alternate assessment or approve a demonstration of proficiency, which had been previously requested by the student and denied by the District.

**VIII. Procedures for Appeal**

- A. Within seven (7) days after the receipt of the notice that the student failed to achieve the cutscore required for graduation from the Millard Public Schools, a written notice of appeal shall be served upon the Superintendent of the Millard Public Schools or his/her designee. Such appeal shall set forth all of the reasons for the appeal as provided herein and shall set forth the relief sought by the student, parent(s) or guardian(s). Such notice of appeal may also include any additional information, which is relevant to the appeal.
- B. Within seven (7) days after the receipt of the written notice of appeal and any supporting information relevant to the appeal, the Superintendent or designee shall consider and render a decision on the appeal based on whether the decision of the District was unreasonable. Such decision shall then be forwarded to the student's parent(s) and/or guardian(s) advising the student's parent(s) and/or guardian(s) of the basis for the Superintendent's decision and the reasons therefore.
- C. Within seven (7) days after the receipt of the written notification from the Superintendent or the Superintendent's designee, a written request may be made by the student, parent(s), or guardian(s) to the secretary of the Millard Board of Education or the Superintendent, or designee for a hearing before the Millard Board of Education, or a committee of the Board consisting of not less than two (2) members or more than three (3) members to be held on the issue whether the decision of the Superintendent or designee was unreasonable.
- D. Such hearing shall be held before the Millard Board of Education or committee within thirty (30) days of the date the request for hearing was received. If a hearing request is not received in a timely manner, the decision of the Superintendent or the Superintendent's designee shall be final.
- E. The student, parent(s) and/or guardian(s) shall be advised at least seven (7) days prior to the date of the hearing before the Board and such notification shall set forth the date, time, and place for the hearing before the Millard Board of Education or committee.
- F. The parties may, by mutual written agreement, extend the time for hearing or final determination.
- G. The student, parent(s), and/or guardian(s) shall have the right to be represented by legal counsel and shall have the opportunity to present such evidence that is material to the issue or issues stated in the appeal.
- H. The hearing shall be conducted in closed session and in accordance with the student privacy laws unless the student, parent(s), and/or guardian(s) shall request, in writing, that the hearing be held in open session. Any formal action of the Millard Board of Education or committee shall be taken in closed session unless such proceeding was requested by the student, parent(s), or guardian(s) to be held in open session.
- I. The decision of the Millard Board of Education or committee shall be by vote of a majority of the members of the Millard Board of Education and the Millard Board of Education or committee shall reduce its findings and decision to writing and provide the written findings and decision to the student, parent(s), and/or guardian(s) within ten (10) days of the hearing. When conducting such proceedings, the Millard Board of Education or committee shall be exercising a judicial function and deciding a dispute of adjudicative facts.

**GRADUATION**

Upon successful completion of the required credits, assessments, and a Personal Learning Plan, a student shall be eligible for a diploma from the Millard Public Schools.

### Four Year Plan Sheet: Classes of 2020 and Beyond

| Requirements  | 9 <sup>th</sup> Grade   | 10 <sup>th</sup> Grade   | 11 <sup>th</sup> Grade   | 12 <sup>th</sup> Grade   | Total Credits |
|---|---|--|--|--|---------------|
| <b>Language Arts (35)</b>   | <ul style="list-style-type: none"> <li>• English 9 <input type="checkbox"/></li> <li>• English 9/Literacy Enrichment <input type="checkbox"/></li> <li>• Honors English 9 <input type="checkbox"/></li> </ul> | <ul style="list-style-type: none"> <li>• English 10 <input type="checkbox"/></li> <li>• English 10/Literacy Enrichment <input type="checkbox"/></li> <li>• Honors English 10 <input type="checkbox"/></li> </ul> | <ul style="list-style-type: none"> <li>• English 11 <input type="checkbox"/></li> </ul>  |  |               |
| <b>Mathematics (30)</b>   | <input type="checkbox"/>  | <input type="checkbox"/>   | <input type="checkbox"/>   | <input type="checkbox"/>   |               |
| <b>Science (30)</b>   | <ul style="list-style-type: none"> <li>• Biology <input type="checkbox"/></li> </ul>  | <ul style="list-style-type: none"> <li>• Chemistry or Physical Science: Chemistry <input type="checkbox"/></li> <li>• Physics or Physical Science: Physics <input type="checkbox"/></li> </ul>                   | <ul style="list-style-type: none"> <li>• Chemistry or Physical Science: Chemistry <input type="checkbox"/></li> <li>• Physics or Physical Science: Physics <input type="checkbox"/></li> </ul> |  |               |
| <b>Social Studies (30)</b>  | <ul style="list-style-type: none"> <li>• World Geography <input type="checkbox"/></li> </ul>  | <ul style="list-style-type: none"> <li>• World History <input type="checkbox"/></li> </ul>   | <ul style="list-style-type: none"> <li>• United States History or U.S. Govt. &amp; Economics <input type="checkbox"/></li> </ul>   | <ul style="list-style-type: none"> <li>• United States History or U.S. Govt. &amp; Economics <input type="checkbox"/></li> </ul> |               |
| <b>Human Resources (5)</b>  | <input type="checkbox"/>  | <input type="checkbox"/>   | <input type="checkbox"/>   | <input type="checkbox"/>   |               |
| <ul style="list-style-type: none"> <li>• Adult Life and Parenting</li> <li>• Child Development</li> <li>• Introduction to Behavioral Sciences</li> <li>• Psychology</li> <li>• Sociology</li> <li>• Human Diversity</li> <li>• International Relations</li> </ul> |   |  |  |  |               |
| <b>Health (5)</b>   | <input type="checkbox"/>  | <input type="checkbox"/>   | <input type="checkbox"/>   | <input type="checkbox"/>   |               |
| <ul style="list-style-type: none"> <li>• Healthy Living (Everyday Living) (preferred 10<sup>th</sup> grade)</li> </ul>  |   |  |  |  |               |
| <b>Physical Education (15)</b>  | <input type="checkbox"/>  | <input type="checkbox"/>   | <input type="checkbox"/>   | <input type="checkbox"/>   |               |
| <b>Fine and Performing Arts (5)</b>   | <input type="checkbox"/>  | <input type="checkbox"/>   | <input type="checkbox"/>   | <input type="checkbox"/>   |               |
| <b>Financial Literacy (5)</b>   | <input type="checkbox"/>  | <input type="checkbox"/>   | <input type="checkbox"/>   | <input type="checkbox"/>   |               |
| <ul style="list-style-type: none"> <li>• Personal Finance</li> <li>• Wealth Building (Business and Entrepreneurship Academy)</li> </ul>   |   |  |  |  |               |
| <b>Oral Communications (5)</b>  | <input type="checkbox"/>  | <input type="checkbox"/>   | <input type="checkbox"/>   | <input type="checkbox"/>   |               |
| <ul style="list-style-type: none"> <li>• Debate (Debate I)</li> <li>• Forensics: Competitive Speech (Forensics)</li> <li>• Speech</li> <li>• Professional Speaking (Education Academy)</li> </ul>   |   |  |  |  |               |
| <b>Electives (65)</b>   | <input type="checkbox"/>  | <input type="checkbox"/>   | <input type="checkbox"/>   | <input type="checkbox"/>   |               |
| <b>Total Credits By Grade</b>   |   |  |  |  |               |

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Advisor: \_\_\_\_\_

Post-secondary goal/career: \_\_\_\_\_

Name \_\_\_\_\_ Graduation Year \_\_\_\_\_

MYP \_\_\_\_\_ YES \_\_\_\_\_ NO \_\_\_\_\_

**INTERNATIONAL BACCALAUREATE® FOUR YEAR PLAN**

| <b>IB Group/Course</b>  | <b>9<sup>th</sup> grade</b> | <b>10<sup>th</sup> grade</b> | <b>11<sup>th</sup> grade</b> | <b>12<sup>th</sup> grade</b>       |
|---|-----------------------------|------------------------------|------------------------------|------------------------------------|
| Group I:<br>Language A  | 1. Honors English 9         | 1. Honors English 10         | 1. IB English HL I           | 1. IB English HL II                |
| Group II:<br>Language B   | 2.                          | 2.                           | 2.                           | 2. IB SL                           |
| Group III:<br>Individuals and Societies   | 3.                          | 3.                           | 3.                           | 3.                                 |
| Group IV:<br>Experimental Sciences  | 4. Biology                  | 4.                           | 4.                           | 4.                                 |
| Group V:<br>Mathematics new courses<br>to consider  | 5.                          | 5.                           | 5.                           | 5.                                 |
| Group VI:<br>Arts and Electives   | 6.                          | 6.                           | 6.                           | 6.                                 |
|   | 7.                          | 7.                           | 7. Sem. 1:<br>Sem. 2: TOK    | 7. Sem. 1: TOK<br>Sem. 2: US Gov't |
| <b>Zero Hour</b> <i>These courses are not guaranteed to be offered, and students may take only a zero or eighth hour class.</i>   |                             |                              |                              |                                    |
| <b>Eighth Hour</b> <i>These courses are not guaranteed to be offered, and students may take only a zero or eighth hour class.</i> |                             |                              |                              |                                    |
| <b>Summer School</b> <i>These courses are not guaranteed to be offered or open for enrollment.</i>                                |                             |                              |                              |                                    |
| <b>Alternate Courses</b>  |                             |                              |                              |                                    |

**NOTES/COMMENTS:**

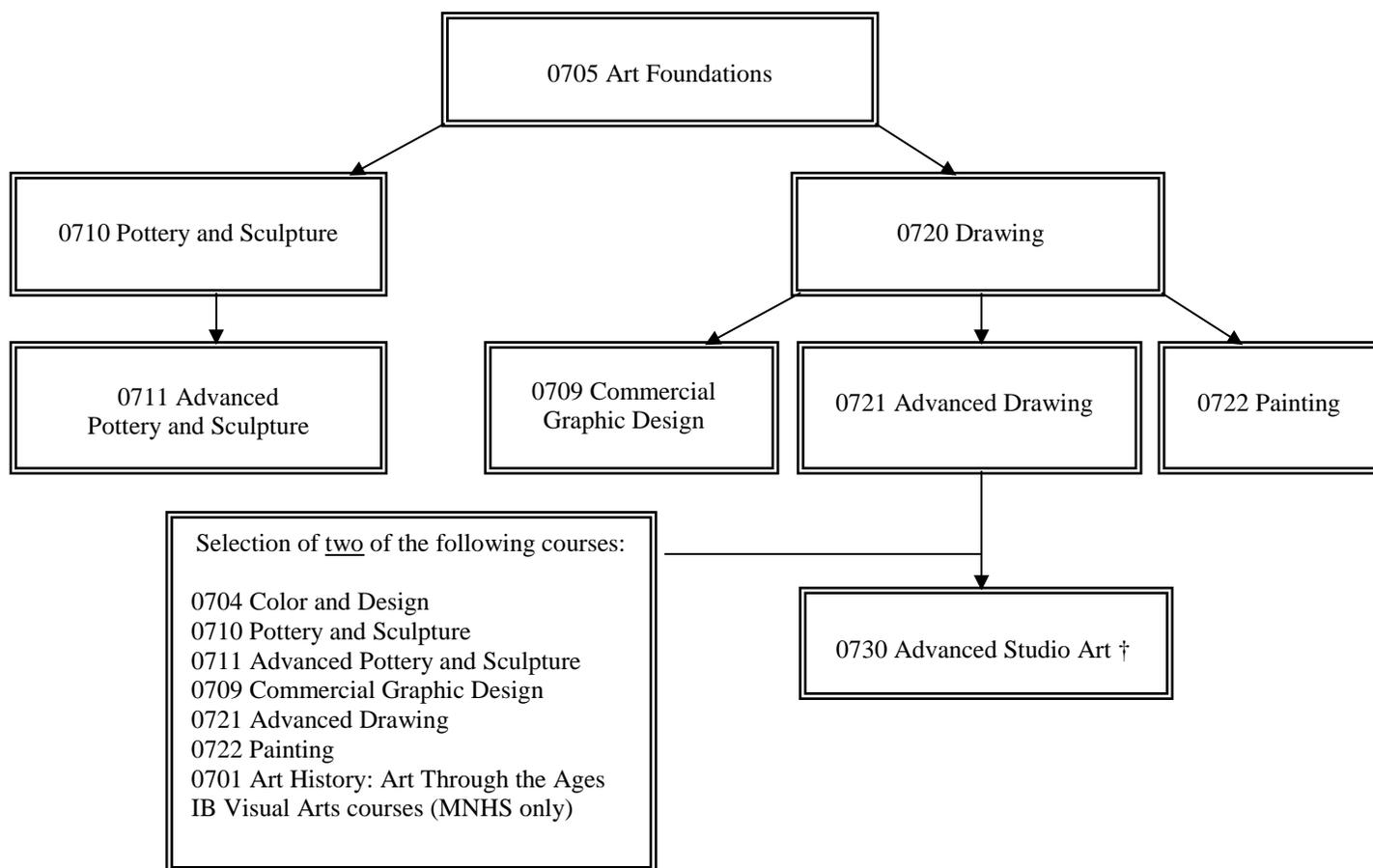
- TOK is a Human Resource class
- Remember to include other graduation requirements:
 

|                                  |                          |
|----------------------------------|--------------------------|
| 3 semesters of PE                | Fine and Performing Arts |
| Healthy Living (Everyday Living) | Personal Finance         |

(INTENTIONALLY LEFT BLANK)

# Course Descriptions

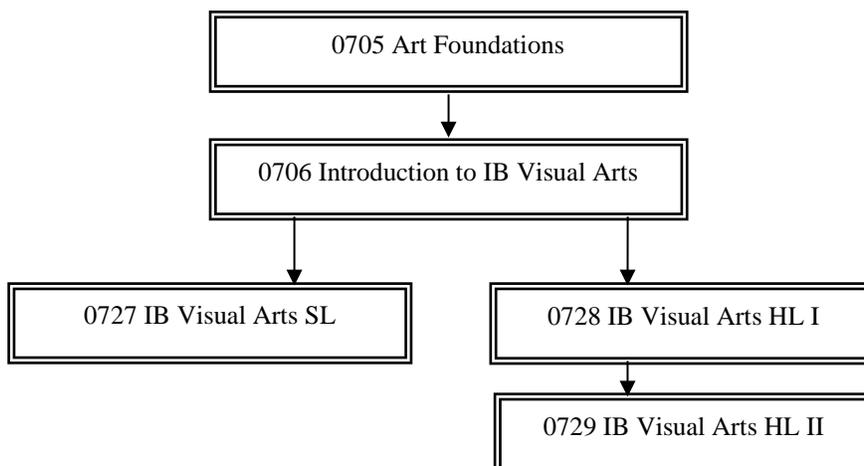


**ART**

† See course descriptions for additional requirements

**Stand-Alone Art Courses**

**MILLARD NORTH HIGH SCHOOL  
IB DIPLOMA PROGRAMME STUDENTS ONLY**



## ART

| Course     | Course Name                       | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|------------|-----------------------------------|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>ART</b> |                                   |         |       |                        |               |          |                     |                   |                   |                  |
| 0701       | Art History: Art Through the Ages | 5       |       | F                      |               |          |                     | •                 | •                 | •                |
| 0704       | Color and Design                  | 5       |       | F                      |               |          | •                   | •                 | •                 | •                |
| 0705       | Art Foundations                   | 5       |       | F                      |               |          | •                   | •                 | •                 | •                |
| 0709       | Commercial Graphic Design         | 5       |       |                        | 0720          |          |                     | •                 | •                 | •                |
| 0710       | Pottery and Sculpture             | 5       |       |                        | 0705          |          | •                   | •                 | •                 | •                |
| 0711       | Advanced Pottery and Sculpture    | 5       |       |                        | 0710          |          | •                   | •                 | •                 | •                |
| 0720       | Drawing                           | 5       |       |                        | 0705          |          | •                   | •                 | •                 | •                |
| 0721       | Advanced Drawing                  | 5       |       |                        | 0720          |          |                     | •                 | •                 | •                |
| 0722       | Painting                          | 5       |       |                        | 0720          |          |                     | •                 | •                 | •                |
| 0730 A/B   | Advanced Studio Art               | 10      |       |                        | 0721+         |          |                     | •                 | •                 | •                |
| 0706 A/B   | Introduction to IB Visual Arts    | 10      | 10-11 |                        | 0705          |          |                     | •                 |                   |                  |
| 0727 A/B   | IB Visual Arts SL                 | 10      | 11-12 |                        | 0706          |          |                     | •                 |                   |                  |
| 0728 A/B   | IB Visual Arts HL I               | 10      | 11    |                        | 0706          |          |                     | •                 |                   |                  |
| 0729 A/B   | IB Visual Arts HL II              | 10      | 12    |                        | 0728          |          |                     | •                 |                   |                  |

F = Fulfills Fine and Performing Arts Graduation Requirement

† = See course descriptions for additional requirements

Please refer to each course description for prerequisites.

Note that Art Foundations is the prerequisite course for all art courses except for the following two courses:

- Color and Design
- Art History: Art Through the Ages

## ART

Materials for basic projects will be provided; however, students who select specialized projects may be required to purchase extra materials. Students may donate money, materials, or equipment to defray cost of consumable materials or appropriate personal equipment. Students who qualify for free and reduced waivers should discuss costs with their instructors.

**0701 ART HISTORY: ART THROUGH THE AGES**

5 Credits

**Description:** Art History: Art Through the Ages is an art history class that investigates the many roles of the visual arts and artists through historical, political, and other social contexts. This is a non-production art class. It is not a prerequisite for any other art course, but is highly recommended for enrollment in Advanced Studio Art. This course fulfills the Fine and Performing Arts Graduation Requirement.

**Prerequisites:** None

**0704 COLOR AND DESIGN**

5 Credits

**Description:** This course gives the student an opportunity to explore the expressive qualities of color and design theory. Projects will involve two-dimensional and three-dimensional media. This course is not a prerequisite for any other art course. This course fulfills the Fine and Performing Arts Graduation Requirement.

**Prerequisites:** None

**0705 ART FOUNDATIONS**

5 Credits

**Description:** This course enables students to communicate ideas through a variety of media and techniques. Students will work with the elements of art and the principles of design through exploration of both two-dimensional and three-dimensional art forms. In addition to art production, students will use a variety of learning strategies including reading, analyzing, and responding to develop a deeper understanding of art. This course fulfills the Fine and Performing Arts Graduation Requirement and is a prerequisite for most art courses.

**Prerequisites:** None

**0706 INTRODUCTION TO IB VISUAL ARTS**

10-11

North only

10 Credits

**Description:** This course will introduce the student to the IB perspective through art curriculum developed by Millard Public Schools. Students will be involved in studio production and the development of a research workbook. Studio production will emphasize the following: exploration of visual design, personal and global influences on artwork created, technical skill development, and production of work with imagination, originality and creativity. Research workbooks will emphasize personal research, awareness of cultural, historical and social dimensions of themes, examination of visual and functional qualities of art and relationship of visual and written self-expression. A variety of media will be incorporated into the curriculum. Projects will include the following: observational drawing, contour drawing, design concepts, fantasy and surrealism, and perspective units.

**Prerequisites:** Art Foundations

**0709 COMMERCIAL GRAPHIC DESIGN**

5 Credits

**Description:** In Commercial Graphic Design, students will explore and experience the numerous aspects of computerized graphic design and advertising utilizing technology as a tool to relay principles of artistic design. A visual arts approach, including the principles of art, will be emphasized which includes the essential areas of typography, layout, design and illustration.

**Prerequisites:** Drawing

**0710 POTTERY AND SCULPTURE**

5 Credits

**Description:** Pottery and Sculpture is a course in which students will explore a variety of hand-building and sculptural techniques. Introduction to the potter's wheel is covered as well as simple glaze methods. In addition to art production, students will use a variety of learning strategies including reading, responding, and analyzing to develop a deeper understanding of art.

**Prerequisites:** Art Foundations

**0711 ADVANCED POTTERY AND SCULPTURE**

5 Credits

**Description:** This is a course that involves three-dimensional art production. Students learn advanced hand-building and sculpture techniques, further development on the potter's wheel, more complex glaze application, and surface decoration. In addition to art production, students will use a variety of learning strategies including reading, responding, and analyzing to develop a deeper understanding of art.

**Prerequisites:** Pottery and Sculpture

**0720 DRAWING**

5 Credits

**Description:** Drawing is a course that provides students with an in-depth study of drawing techniques, processes, and media. In addition to art production, students will use a variety of learning strategies including reading, responding, and analyzing to develop a deeper understanding of art.

**Prerequisites:** Art Foundations

**0721 ADVANCED DRAWING**

5 Credits

**Description:** This course provides the student an advanced experience in drawing techniques, composition development, and media. In addition to art production, students will use a variety of learning strategies including reading, responding, and analyzing to develop a deeper understanding of art.

**Prerequisites:** Drawing

**0722 PAINTING**

5 Credits

**Description:** Painting is a course designed to give students an in-depth experience in painting techniques and media usage. Students will develop an understanding of realistic, abstract, and non-objective painting styles. In addition to art production, students will use a variety of learning strategies including reading, writing, and analyzing to develop a deeper understanding of art.

**Prerequisites:** Drawing

**0727 IB VISUAL ARTS SL** **11-12** **North only** 10 Credits

**Description:** IB Visual Arts SL will immerse the art student in a year-long experience of studio production and the completion of a research workbook. Emphasis will be placed on the studio production, with each student completing a body of work to be displayed and evaluated at the end of the year. Research workbooks will include student's personal research; awareness of cultural, historical and social dimensions of themes; examination of visual and functional qualities of art; and relationship of visual and written self-expression. The development of original ideas, the discovery of creative solutions, global study and the acquisition of technical skills by the student will be the core areas of evaluation at the end of the course in both the studio and workbook areas. The curriculum will involve a variety of problem solving units with an emphasis on the following: aesthetic qualities of a body of work, relationship between form and meaning in visual arts and the social and cultural functions of the visual arts.

**Prerequisites:** Introduction to IB Visual Arts

**0728 IB VISUAL ARTS HL I** **11** **North only** 10 Credits

**Description:** IB Visual Arts involves the advanced art student in year one of a two-year rigorous and comprehensive art program that combines both studio work and research in the form of a research workbook. Each student will be engaged in a two-year commitment to the development of ideas, discovery of creative solutions and acquisition of technical skills. Studio emphasis will be on the following: aesthetic quality of a body of work, relationship between form and meaning in visual arts and the social and creative functions of the visual arts. Each student will be responsible for a visual display of the portfolio by the teacher and an IB evaluator. Research workbooks will emphasize personal research; awareness of cultural, historical and social dimensions of themes; examination of visual and functional qualities of art; and relationship of visual and written self-expression.

**Prerequisites:** Introduction to IB Visual Arts

**0729 IB VISUAL ARTS HL II** **12** **North only** 10 Credits

**Description:** IB Visual Arts involves the advanced art student in the second of a two-year rigorous and comprehensive art program that combines both studio work and research in the form of a research workbook. Each student will be engaged in a two-year commitment to the development of ideas, discovery of creative solutions and the acquisition of technical skills. Studio emphasis will be on the following: aesthetic quality of a body of work, relationship between form and meaning in visual arts and the social and creative functions of the visual arts. Each student will be responsible for a visual display of the portfolio by the teacher and an IB evaluator. Research workbooks will emphasize personal research; awareness of cultural, historical and social dimensions of themes; examination of visual and functional qualities of art; and relationship of visual and written self-expression.

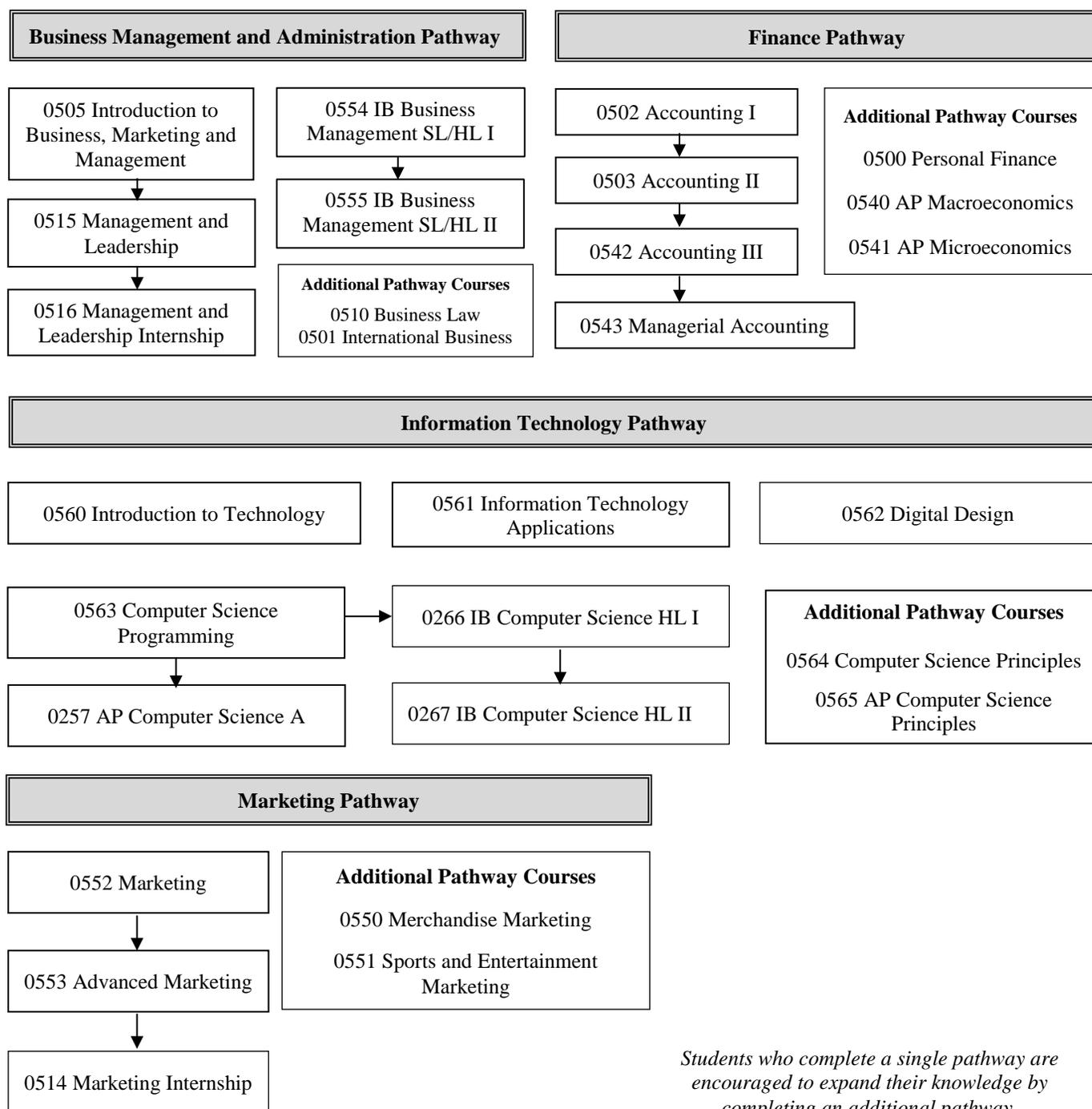
**Prerequisites:** IB Visual Arts HL I

**0730 ADVANCED STUDIO ART** 10 Credits

**Description:** This is an intensive two-semester studio art class designed for the serious art student. Students will complete assigned projects each semester following the specific art curriculum. Artwork will be compiled into a personal portfolio. This portfolio can be used for possible submission to art schools or universities. Art History: Art Through the Ages is recommended, but not required.

**Prerequisites:** Advanced Drawing, plus two other offerings in the visual arts.

## BUSINESS AND INFORMATION TECHNOLOGY



*Students who complete a single pathway are encouraged to expand their knowledge by completing an additional pathway.*

The following stand-alone course is not part of any pathway and may be taken at any time.

0504 Keyboarding & Input Technology

## BUSINESS AND INFORMATION TECHNOLOGY

| Course  | Course Name                                       | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|---|---|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>BUSINESS AND INFORMATION TECHNOLOGY</b>            |   |         |       |                        |               |          |                     |                   |                   |                  |
| <b>Business Management and Administration Pathway</b> |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0505  | Introduction to Business Marketing and Management | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0515  | Management and Leadership                         | 5       | 11-12 |                        |               |          |                     | •                 | •                 | •                |
| 0516 A/B  | Management and Leadership Internship              | 10      | 11-12 |                        | †             |          |                     | •                 | •                 | •                |
| 0510  | Business Law                                      | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0501  | International Business                            | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0554 A/B  | IB Business Management SL/HL I                    | 10      | 11    |                        |               |          |                     | •                 |                   |                  |
| 0555 A/B  | IB Business Management SL/HL II                   | 10      | 12    |                        | 0554          |          |                     | •                 |                   |                  |
| <b>Finance Pathway</b>                                |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0500  | Personal Finance                                  | 5       |       | FL                     |               |          | •                   | •                 | •                 | •                |
| 0502  | Accounting I                                      | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0503  | Accounting II                                     | 5       |       |                        | 0502          |          |                     | •                 | •                 | •                |
| 0542  | Accounting III                                    | 5       |       |                        | 0503          |          |                     | •                 | •                 | •                |
| 0543  | Managerial Accounting                             | 5       |       |                        | 0542          |          |                     | •                 | •                 | •                |
| 0540  | AP Macroeconomics                                 | 5       |       |                        | 0204 or 0211  |          |                     | •                 | •                 | •                |
| 0541  | AP Microeconomics                                 | 5       |       |                        | 0204 or 0211  |          |                     | •                 | •                 | •                |
| <b>Information Technology Pathway</b>                 |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0560  | Introduction to Technology                        | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0561  | Information Technology Applications               | 5       |       |                        |               |          | •                   | •                 | •                 | •                |
| 0562  | Digital Design                                    | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0563  | Computer Science Programming                      | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0564  | Computer Science Principles                       | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0257 A/B  | AP Computer Science A                             | 10      |       |                        | 0563          |          |                     | •                 | •                 | •                |
| 0565 A/B  | AP Computer Science Principles                    | 10      |       |                        | 0204 or 0211  |          |                     | •                 | •                 | •                |
| 0266 A/B  | IB Computer Science HL I                          | 10      | 11    |                        | 0563          |          |                     | •                 |                   |                  |
| 0267 A/B  | IB Computer Science HL II                         | 10      | 12    |                        | 0266          |          |                     | •                 |                   |                  |
| <b>Marketing Pathway</b>                              |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0550  | Merchandise Marketing                             | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0551  | Sports and Entertainment Marketing                | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0552 A/B  | Marketing   | 10      | 11-12 |                        |               |          |                     | •                 | •                 | •                |
| 0553 A/B  | Advanced Marketing                                | 10      | 11-12 |                        | 0552          |          |                     | •                 | •                 | •                |
| 0514 A/B  | Marketing Internship                              | 10      | 11-12 |                        | 0552 or 0553† |          |                     | •                 | •                 | •                |
| <b>Stand-Alone Course</b>                             |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0504  | Keyboarding and Input Technology                  | 5       |       |                        |               |          |                     | •                 | •                 | •                |

FL = Fulfills Financial Literacy Graduation Requirement

† = See course descriptions for additional requirements.

## BUSINESS AND INFORMATION TECHNOLOGY

### STAND-ALONE COURSE

#### 0504 KEYBOARDING AND INPUT TECHNOLOGY

5 Credits

**Description:** Students will develop mastery of the keyboard with efficient keyboarding techniques, development of speed and accuracy, and proper care of the equipment. Students will learn to format letters, papers, and reports. Students will acquire keyboarding skills to support personal and/or career applications. Students will apply the ethical, legal and social responsibilities of computing.

**Prerequisites:** None

## BUSINESS MANAGEMENT AND ADMINISTRATION PATHWAY

### 0505 INTRODUCTION TO BUSINESS MARKETING AND MANAGEMENT 5 Credits

**Description:** Students will explore the economic roles of consumer, worker, and citizen. Students will learn the basics of the business world and how it functions. Students will examine economics, accounting, marketing, management, and entrepreneurship. Concepts in this course will provide a background for other business courses students may take in high school or college, assist with consumer decision-making, and help to develop skills that employers seek in potential employees.

**Prerequisites:** None

### 0515 MANAGEMENT AND LEADERSHIP 11-12 5 Credits

**Description:** Students will examine the characteristics of a strong business leader. Students will learn what makes people successful and begin developing these traits. Major topics include the management functions of planning, organization, directing, and controlling. The intra-personal and human relations aspects of management are covered. This course is recommended for all students planning to major in Business in college.

**Prerequisites:** None

### 0516 MANAGEMENT AND LEADERSHIP INTERNSHIP 11-12 10 Credits

**Description:** Through this Internship, students will apply concepts studied in the Management and Leadership course. Internship experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students apply technical skills to address business applications of emerging technologies. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions. Students enrolled in the Management and Leadership Internship must work an average of 10 hours per week. Students may enroll in only one internship course within the same semester.

**Prerequisites:** Concurrent enrollment with Management and Leadership one semester and another Business course the following semester

### 0501 INTERNATIONAL BUSINESS 5 Credits

**Description:** Students will understand the importance of international business and trade in the global economy and explore factors that influence success in the international business environment. Students will analyze techniques and strategies associated with marketing, distribution, and business management in a global economy. Students will explore the relationship of cultural, political, legal, economic, and ethical systems.

**Prerequisites:** None

### 0510 BUSINESS LAW 5 Credits

**Description:** Students will learn the legal principles under which a business operates. Students will develop an appreciation for law and a practical understanding of the legal framework within personal, social, and business functions. Students will analyze court systems, trial procedures, contracts, consumer protection, and civil, criminal, corporate, and consumer law.

**Prerequisites:** None

### 0554 IB BUSINESS MANAGEMENT SL/HL I 11 10 Credits

**Description:** Business Management SL/HL I is year one of an IB Diploma course to develop students' knowledge and understanding of business management theories, as well as their ability to apply a range of tools and techniques. The course encourages the appreciation of ethical concerns at a local and global level. The course covers a range of organizations from all sectors, as well as the sociocultural and economic contexts in which those organizations operate. Students will examine the characteristics of business organization and environment, human resource management, finance and accounting, marketing and operations management. Students will develop subject-specific skills, such as financial analysis. In addition to the core curriculum taught in the SL course, HL students are expected to complete extension areas of studies in each of the five units, adding depth and breadth to the course.

**Prerequisites:** None

**0555 IB BUSINESS MANAGEMENT SL/HL II****12**

10 Credits

**Description:** Business Management SL/HL II is year two of a business management course in which students will continue to develop and expand their knowledge and understanding of business management theories, as well as continue to apply a range of tools and techniques. The course encourages the appreciation of ethical concerns at a local and global level. Students will develop the ability to: think critically; make ethically sound and well-informed decisions; appreciate the pace, nature and significance of change; think strategically; and undertake long term planning, analysis, and evaluation. Students will develop subject-specific skills, such as financial analysis. In addition to the core curriculum taught in the SL course, HL students are expected to complete extension areas of studies in each of the five units, adding depth and breadth to the course.

**Prerequisites:** IB Business Management SL/HL I

## FINANCE PATHWAY

**0500 PERSONAL FINANCE**

5 Credits

**Description:** Students will learn the skills necessary to manage their financial resources for lifetime financial security. Students will gain knowledge in taxes, banking and financial services, checkbook, savings and investments, retirement, loans and interest, credit card debt, e-commerce, identity fraud and theft, and insurance. This course fulfills the Financial Literacy Graduation Requirement.

**Prerequisites:** None

**0502 ACCOUNTING I**

5 Credits

**Description:** Students will learn the accounting cycle, record financial transactions, and prepare financial statements. This is the first in a sequence of courses that prepares students for careers in business and college-level accounting.

**Prerequisites:** None

**0503 ACCOUNTING II**

5 Credits

**Description:** Students will expand their understanding of accounting principles by learning to analyze and interpret financial data. In addition, students will apply the analysis of financial data to propose accounting adjustments. This is the second in a sequence of courses that prepares students for careers in business and college-level accounting.

**Prerequisites:** Accounting I

**0542 ACCOUNTING III**

5 Credits

**Description:** Students will continue their understanding of advanced accounting concepts. Students will evaluate financial planning and decision-making for operating activities and capital investments. This course will expand student accounting knowledge to understand corporate accounting. Accounting III is strongly recommended for students planning on majoring in Business in college.

**Prerequisites:** Accounting II

**0543 MANAGERIAL ACCOUNTING**

5 Credits

**Description:** Students will learn how to provide accounting information to assist management in decision-making, planning and control. Budgeting, management decision-making, financial statement analysis and statements of cash flows will be covered in this course. Managerial Accounting is strongly recommended for students planning on majoring in Business in college.

**Prerequisites:** Accounting III

**0540 ADVANCED PLACEMENT<sup>®</sup> MACROECONOMICS**

5 Credits

**Description:** Students will study a variety of economic theories and analyze their practical application in the real world with a focus on the decision-making of individuals, businesses, and the government. Students will evaluate the economy as a whole, including economic measures, economic growth, fiscal policy, monetary policy, and international economics. Extensive mathematics skills are not required; however, the ability to analyze graphs and charts is essential. Completion of this course will prepare students to take the Advanced Placement<sup>®</sup> Macroeconomics exam.

**Prerequisites:** Alg I/Geo: Foundations 2 or Algebra I

**0541 ADVANCED PLACEMENT<sup>®</sup> MICROECONOMICS**

5 Credits

**Description:** Students will study a variety of economic theories and analyze their practical application in the real world with a focus on supply and demand for products, labor markets, and the role of competition in a free market system. Extensive mathematics skills are not required; however, the ability to analyze graphs and charts is essential. Completion of this course will prepare students to take the Advanced Placement<sup>®</sup> Microeconomics exam.

**Prerequisites:** Alg I/Geo: Foundations 2 or Algebra I

## INFORMATION TECHNOLOGY PATHWAY

### 0560 INTRODUCTION TO TECHNOLOGY

5 Credits

**Description:** Students will explore multiple aspects of technology such as computer applications, computer programming principles and digital design. Students will use critical thinking and problem solving skills to explore and evaluate emerging technologies and the application for innovation. Students will collaborate to complete projects using input technology and a variety of productivity tools. Students will apply the ethical, legal, and social responsibilities of computing.

**Prerequisites:** None

### 0561 INFORMATION TECHNOLOGY APPLICATIONS

5 Credits

**Description:** Students will think analytically, manipulating information and using the computer as a productivity tool. This course will focus on advanced skill development in word processing, spreadsheet, database, integration of applications utilizing advanced features, and exploring web technologies. Students will apply the ethical, legal, and social responsibilities of computing. Students will practice professional communication techniques by collaborating and communicating via the Internet.

**Prerequisites:** None

### 0562 DIGITAL DESIGN

5 Credits

**Description:** Students will interact with the digital design process model through the use of technology, which includes typography, color, and imagery. Processes include advanced computer navigation, graphic communications design, image generation and assembly, computer desktop publishing, and web page design. Students will apply the ethical, legal, and social responsibilities of computing.

**Prerequisites:** None

### 0563 COMPUTER SCIENCE PROGRAMMING

5 Credits

**Description:** Students will manipulate object-oriented computer language. Students will apply algorithm analysis as well as steps to design, implement, test, and maintain programs. Students will apply the ethical, legal, and social responsibilities of computing.

**Prerequisites:** None

### 0257 ADVANCED PLACEMENT<sup>®</sup> COMPUTER SCIENCE A

10 Credits

**Description:** Students will utilize object-oriented programming methodology for problem solving and algorithm development. This course also includes the study of data structures, design, and abstraction. Completion of this course will prepare students to take the Advanced Placement<sup>®</sup> Computer Science A exam.

**Prerequisites:** Computer Science Programming

### 0564 COMPUTER SCIENCE PRINCIPLES

5 Credits

**Description:** Students will apply computational thinking to a variety of computing topics. Concepts will include creativity in computing, abstraction, data and information, algorithms, programming, the Internet, and the global impacts of computing. Students will apply the ethical, legal, and social responsibilities of computing.

**Prerequisites:** None

### 0565 ADVANCED PLACEMENT<sup>®</sup> COMPUTER SCIENCE PRINCIPLES

10 Credits

**Description:** The student will focus on the creative aspect of computing and computational thinking practices that enable them to experience how computing impacts everyday lives. Students will apply the ethical, legal and social responsibilities of computing. This course will prepare students to take the Advanced Placement<sup>®</sup> Computer Science Principles exam.

**Prerequisites:** Alg I/Geo: Foundations 2 or Algebra I

### 0266 IB COMPUTER SCIENCE HL I

11

10 Credits

**Description:** Computer Science HL I is year one of a two-year, rigorous and practical problem solving course, centered on the study of general purpose thinking machines. Students will apply philosophical and computational thinking to a variety of computing topics including; big data, networks, cyber security, algorithms, and the global impact technology has on society. This course also promotes the appreciation of the legal, ethical, and social responsibilities of computing.

**Prerequisites:** Computer Science Programming and completion of or concurrent enrollment in Algebra II

**0267 IB COMPUTER SCIENCE HL II****12**

10 Credits

**Description:** Computer Science HL II is year two of a two-year, rigorous and practical problem solving course, centered on the study of pure logic and computational thinking. Students will develop skills in the art of designing algorithms which solve real problems. This will be supported by practical activities focused on programming in Java with emphasis on object-oriented programming. Students will design and create programs that dynamically respond to a wide variety input in a meaningful and purposeful way. This course also provides an introduction into data structures, recursion, and creating graphical user interfaces (GUI).

**Prerequisites:** IB Computer Science HL I

**MARKETING PATHWAY****0550 MERCHANDISE MARKETING**

5 Credits

**Description:** Students will develop skills in the areas of forecasting, target market analysis, and retail environment management. Merchandise Marketing is a specialized course to develop marketing knowledge and skills in the areas of merchandising and fashion. Students enrolled in this course are eligible to participate in DECA.

**Prerequisites:** None

**0551 SPORTS AND ENTERTAINMENT MARKETING**

5 Credits

**Description:** Students will develop skills in the areas of event management, sponsoring, ticket marketing, branding, roles of public relations, and career opportunities as they relate to the sports and entertainment industry. Sports and Entertainment Marketing is a specialized course to develop marketing knowledge and skills related to the growing sports and entertainment industry. Students enrolled in this course are eligible to participate in DECA.

**Prerequisites:** None

**0552 MARKETING****11-12**

10 Credits

**Description:** Students will understand basic marketing and economic concepts, legal and ethical issues, selling, advertising and promotion. Students will apply communication, interpersonal, leadership, technology skills, employability, and career development strategies. Students enrolled in this course are eligible to participate in DECA.

**Prerequisites:** None

**0553 ADVANCED MARKETING****11-12**

10 Credits

**Description:** Students will apply concepts of business development to conduct market research analysis, create start-up plans and propose promotional activities for current businesses and local organizations. Students will demonstrate communication, interpersonal, leadership, technology skills, employability, and career development strategies in project-based activities. Students enrolled in this course are eligible to participate in DECA.

**Prerequisites:** Marketing

**0514 MARKETING INTERNSHIP****11-12**

10 Credits

**Description:** Students will enhance their skills in areas of advertising, customer service, display, employer/employee relationships, pricing, sales, and merchandise activities through part-time employment. Students must work an average of 10 hours per week to receive credit. Students enrolled in this course are eligible to participate in DECA. Students may enroll in only one internship course within the same semester.

**Prerequisites:** Concurrent enrollment in Marketing or Advanced Marketing

## ENGLISH LANGUAGE LEARNER (ELL) MILLARD SOUTH ONLY

| Course                                | Course Name           | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|---------------------------------------|-----------------------|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>ENGLISH LANGUAGE LEARNER (ELL)</b> |                       |         |       |                        |               |          |                     |                   |                   |                  |
| 0989 A/B/C                            | ELL Basic Beginner    | 15      |       |                        | †             |          |                     |                   | •                 |                  |
| 0990 A/B/C                            | ELL Beginner          | 15      |       |                        | †             |          |                     |                   | •                 |                  |
| 0991 A/B                              | ELL Low Intermediate  | 10      |       |                        | †             |          |                     |                   | •                 |                  |
| 0992                                  | ELL High Intermediate | 5       |       |                        | †             |          |                     |                   | •                 |                  |
| 0993                                  | ELL Advanced          | 5       |       |                        | †             |          |                     |                   | •                 |                  |

† = See course descriptions for additional requirements.

### ENGLISH LANGUAGE LEARNER (ELL)

#### 0989 ELL BASIC BEGINNER (LEVEL 1)

15 Credits

**Description:** This course is designed for students who are beginning to learn English as an additional language. Students enroll in three blocks of this course each semester. Students learn to identify key words and phrases in oral communications and simple oral and written texts, express an opinion, and identify a point an author or speaker makes. They participate in short conversational and written exchanges, communicate information about familiar texts and topics, and gather information from a few provided print and digital sources. Students learn to recognize the meaning of words learned through conversations, reading and being read to, as well as frequently occurring words, simple phrases and formulaic expressions. Students learn to communicate basic information about an event or topic and to recognize and use frequently occurring nouns, noun phrases, verbs, conjunctions, and prepositions. They also acquire language to understand and respond to simple questions.

**Prerequisites:** Qualification as Limited English Proficient (LEP) by the ELL Department. This course may be repeated.

#### 0990 ELL BEGINNER (LEVEL 2)

15 Credits

**Description:** This course is designed for students who have begun to learn English as an additional language, but still require language support. Students enroll in three blocks of this course each semester. Students learn to identify the main topic and retell a few key details in oral presentations and simple oral and written texts, to construct a claim about familiar topics, and to identify the main argument an author or speaker gives. They participate in short conversational and written exchanges. They will deliver short oral presentations, compose written narratives or informational papers about familiar texts, topics and experiences, and gather information from provided print and digital sources. Students learn to adapt language choices to task and audience and to use some frequently occurring general academic and content-specific words in conversation and discussion. Students learn to determine the meaning of frequently occurring words, phrases, and expressions in texts, experiences, or events as well as to recount a short sequence of events in order. They also learn to use frequently occurring verbs, nouns, adjectives, adverbs, prepositions, and conjunctions to produce simple and compound sentences.

**Prerequisites:** Qualification as Limited English Proficient (LEP) by the ELL Department and/or demonstration of mastery of objectives of ELL Basic Beginner course. This course may be repeated.

**0991 ELL LOW INTERMEDIATE (LEVEL 3)**

10 Credits

**Description:** This course is designed for students who are learning English as an additional language. Students enroll in two blocks of this course each semester. Students learn to determine and explain the central idea or theme in oral presentations and written texts, to construct a claim about familiar topics, and to explain the reasons an author or a speaker gives to support a claim. They participate in conversations, discussions, and written exchanges on familiar topics, texts, and issues. They deliver short oral presentations, compose written informational papers, and carry out short research projects. Students learn to adapt language choices and style according to purpose, task, and audience. Students learn to determine the meaning of general academic and content-specific words and phrases and frequently occurring expressions. They also acquire language to recount a sequence of events, use simple phrases and clauses, and produce and expand simple, compound and a few complex sentences.

**Prerequisites:** Qualification as Limited English Proficient (LEP) by the ELL Department and/or demonstration of mastery of objectives of ELL Beginner course. This course may be repeated.

**0992 ELL HIGH INTERMEDIATE (LEVEL 4)**

5 Credits

**Description:** This course is designed for students who are learning English as an additional language. Students enroll in one block of this course each semester. Students learn to determine two central ideas or themes, and analyze their development in oral presentations and written texts, to construct a claim and provide logically ordered reasons or facts that support the claim, and to analyze the reasoning and use of rhetoric in persuasive texts or speeches. Students participate in conversations, discussions, and written exchanges. They deliver oral presentations, compose written informational papers, and carry out both short and more sustained research projects. Students learn to adapt language choices and style according to purpose, task, and audience. They learn to determine the meaning of general academic and content-specific words and phrases, figurative language, and a growing number of idiomatic expressions in texts. They acquire language to recount longer, more detailed sequence of events and to use increasingly complex phrases and clauses, and produce and expand simple, compound, and complex sentences.

**Prerequisites:** Qualification as Limited English Proficient (LEP) by the ELL Department and/or demonstration of mastery of objectives of ELL Low Intermediate course. This course may be repeated.

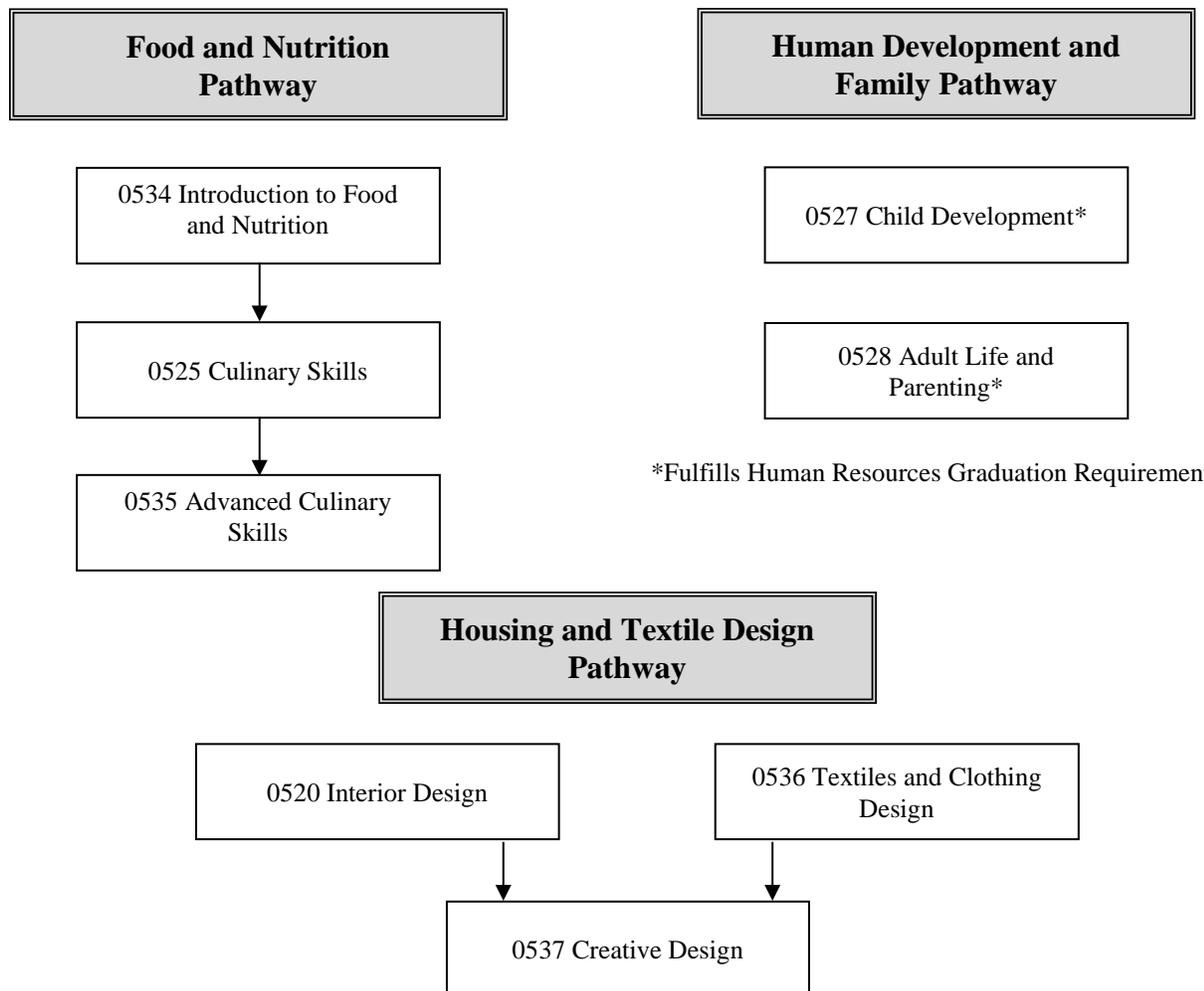
**0993 ELL ADVANCED (LEVEL 5)**

5 Credits

**Description:** This course is designed for students who are learning English as an additional language. Students enroll in one block of this course each semester. Students learn to determine central ideas or themes in presentations and written texts, to construct a substantive claim, and to analyze and evaluate the reasoning and use of rhetoric in persuasive texts. Students participate in extended conversations, discussions, and written exchanges on a range of substantive topics, texts, and issues. They deliver oral presentations, compose written informational papers, carry out both short and more sustained research projects, and evaluate the reliability of sources. Students learn to adapt language choices and style according to purpose, task, and audience. They learn to determine the meaning of general academic and content-specific words and phrases, figurative language, and idiomatic expressions in texts. Students learn to recount a complex and detailed sequence of events or steps in a process. They also acquire language to use complex phrases and clauses, and to produce and expand simple, compound, and complex sentences.

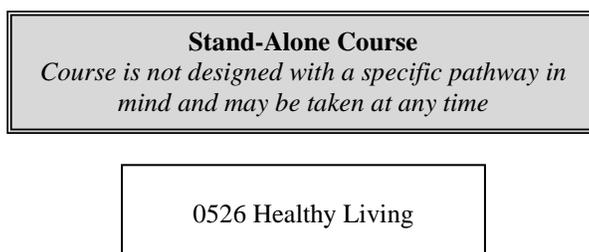
**Prerequisites:** Qualification as Limited English Proficient (LEP) by the ELL Department and/or demonstration of mastery of objectives of ELL High Intermediate course. This course may be repeated.

## FAMILY AND CONSUMER SCIENCES



Students who have enrolled in Family and Consumer Sciences courses may participate in Family, Career and Community Leaders of America (FCCLA).

Materials for basic projects will be provided; however, students with select specialized projects may be required to purchase extra materials. Students may donate money, materials or equipment to defray cost of consumable materials or provide appropriate personal equipment. Students who qualify for free and reduced meal waivers should discuss costs with their instructors.



Healthy Living is required of all students to meet state-mandated health education requirements. This course must be taken before the start of 12<sup>th</sup> grade, 10<sup>th</sup> grade preferred.

## FAMILY AND CONSUMER SCIENCES

| Course                             | Course Name                        | Credits | Grade | Graduation Requirement | Prerequisites        | ACT Core | Horizon High School | North High School | South High School | West High School |
|------------------------------------|------------------------------------|---------|-------|------------------------|----------------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>FAMILY AND CONSUMER SCIENCE</b> |                                    |         |       |                        |                      |          |                     |                   |                   |                  |
| 0520                               | Interior Design                    | 5       |       |                        |                      |          |                     | •                 | •                 | •                |
| 0525                               | Culinary Skills                    | 5       |       |                        | 0523 or 0534         |          |                     | •                 | •                 | •                |
| 0526                               | Healthy Living                     | 5       | 9-11  | H                      |                      |          | •                   | •                 | •                 | •                |
| 0527                               | Child Development                  | 5       | 11-12 | HR                     | 0526                 |          | •                   | •                 | •                 | •                |
| 0528                               | Adult Life and Parenting           | 5       | 11-12 | HR                     | 0526                 |          | •                   | •                 | •                 | •                |
| 0534                               | Introduction to Food and Nutrition | 5       |       |                        |                      |          |                     | •                 | •                 | •                |
| 0535                               | Advanced Culinary Skills           | 5       |       |                        | 0525                 |          |                     | •                 | •                 | •                |
| 0536                               | Textiles and Clothing Design       | 5       |       |                        |                      |          |                     | •                 | •                 | •                |
| 0537                               | Creative Design                    | 5       |       |                        | 0520 or 0533 or 0536 |          |                     | •                 | •                 | •                |

H = Fulfills Health Education Graduation Requirement

HR = Fulfills Human Resources Graduation Requirement

### FAMILY AND CONSUMER SCIENCES

#### 0534 INTRODUCTION TO FOOD AND NUTRITION

5 Credits

**Description:** Students will learn the basics of nutrition, food preparation and dietary decision-making utilizing digital resources and laboratory experiences. Students will incorporate skills to impact their present and future health and well-being.

**Prerequisites:** None

#### 0525 CULINARY SKILLS

5 Credits

**Description:** Students will develop skills in safety, sanitation and basic food preparation techniques required in food preparation. This course is designed for students who want to expand their food preparation skills and/or pursue a career in culinary arts, food service, or the hospitality industry.

**Prerequisites:** Introduction to Food and Nutrition or Foods For Today (before 2018-2019)

#### 0535 ADVANCED CULINARY SKILLS

5 Credits

**Description:** Students will advance their food preparation skills while applying management principles needed for the Food Service and Hospitality profession. This course will emphasize gourmet specialties, garnishes, and cultural influences.

**Prerequisites:** Culinary Skills

#### 0520 INTERIOR DESIGN

5 Credits

**Description:** Students will evaluate and create floor plans for residential spaces. Students will utilize the elements and principles of design to create aesthetically pleasing spaces while considering functionality and eco-friendly design. Interior design is a project-oriented class that will use technology to enhance learning.

**Prerequisites:** None

#### 0536 TEXTILES AND CLOTHING DESIGN

5 Credits

**Description:** Students will learn clothing construction techniques and garment design while working individually and collaboratively. Students will research careers in the textile, clothing, and design industry to explore employment and entrepreneurial endeavors. Students will design and create their own textile project using digital sewing equipment and patterns.

**Prerequisites:** None

**0537 CREATIVE DESIGN**

5 Credits

**Description:** Students will be using reasoning skills to solve practical real-world problems in the areas of fashion design and interior design. Students will create individualized design projects to be documented in a professional portfolio.

**Prerequisites:** Interior Design or Textiles and Clothing Design or Clothing, Textiles and Design (before 2018 – 2019)

**0527 CHILD DEVELOPMENT**

5 Credits

**Description:** Students will explore the physical, social, emotional, and intellectual factors that relate to the developing child from prenatal to age 5. This course will develop personal skills while also preparing students for child-related career fields by interacting with children, learning from guest speakers, and participating in problem-based scenarios. Students considering participating in the Education Academy should not take this course in 9th or 10th grade. This course fulfills the Human Resources Graduation Requirement.

**Prerequisites:** None

**0528 ADULT LIFE AND PARENTING**

5 Credits

**Description:** Students will analyze factors that influence human growth and development through a lifespan. Class activities will focus on impacts of life events, resource management, and support systems required throughout life. The course helps students enhance interpersonal relationships and understand the effect of these relationships on families, work, and society. This course fulfills the Human Resources Graduation Requirement.

**Prerequisites:** None

**0526 HEALTHY LIVING****9-11 (10<sup>th</sup> grade preferred)**

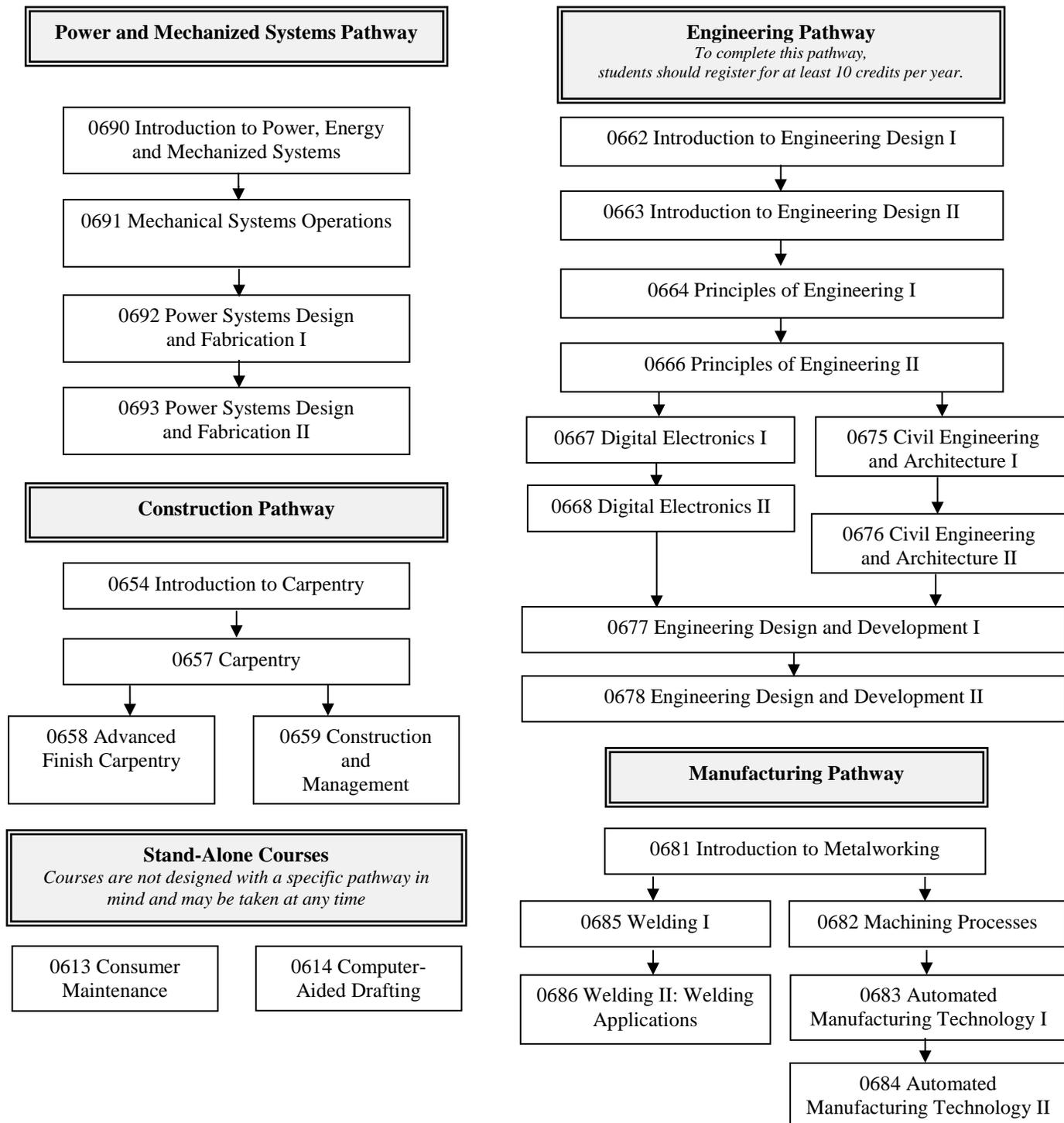
5 Credits

**Description:** Students will investigate concepts to support healthy living. Topics include self-concept, drug use and abuse, loss, death, depression, suicide, violence, stress, aging, friendships, dating, human sexuality, and digital citizenship. Students will practice critical thinking regarding their personal lives and apply problem solving and decision-making skills to deal with societal pressures. The theme throughout the course is abstinence from risky behaviors. In this course, the Millard Public Schools Character Traits: Trustworthiness, Responsibility, Respect, and Citizenship are incorporated into lessons and student activities. Healthy Living fulfills the Health Education Graduation Requirement. The curriculum meets local, state, and federal mandates for dating violence, drug education, health education, Cardiopulmonary Resuscitation (CPR), and Automated External Defibrillator (AED) training.

Current Board policy enables parents/guardians to request, for philosophical, religious, or ideological reasons, that their son/daughter be excused from units within this course or this graduation requirement. Students excused from Healthy Living would register for one of the Human Resources courses and provide proof of CPR/AED instruction within Millard Public Schools as a replacement. This replacement course is in addition to the required Human Resource course and means that students excused from Healthy Living will be required to take two Human Resources courses. Parent/Guardian should contact the principal's office for direction and assistance.

**Prerequisites:** None

## INDUSTRIAL TECHNOLOGY SKILLED AND TECHNICAL SCIENCES (STS)



Students who complete a single pathway are encouraged to expand their knowledge through an additional pathway. Students should begin the second pathway with the course listed below (which in some cases exempts them from a prerequisite course):

- Power and Mechanized Systems Pathway: Introduction to Power, Energy and Mechanized Systems
- Engineering Pathway: Introduction to Engineering Design I
- Construction Pathway: Carpentry
- Manufacturing Pathway: Machining Processes or Welding I

## INDUSTRIAL TECHNOLOGY SKILLED AND TECHNICAL SCIENCES (STS)

| Course  | Course Name   | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|---|---|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>INDUSTRIAL TECHNOLOGY Skilled and Technical Sciences (STS)</b> |   |         |       |                        |               |          |                     |                   |                   |                  |
| <b>Construction Pathway</b>                                       |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0654  | Introduction to Carpentry                             | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0657  | Carpentry   | 5       |       |                        | 0654          |          |                     | •                 | •                 | •                |
| 0658  | Advanced Finish Carpentry                             | 5       |       |                        | 0657          |          |                     | •                 | •                 | •                |
| 0659  | Construction and Management                           | 5       |       |                        | 0657          |          |                     | •                 | •                 | •                |
| <b>Engineering Pathway</b>  |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0662  | Introduction to Engineering Design I                  | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0663  | Introduction to Engineering Design II                 | 5       |       |                        | 0662          |          |                     | •                 | •                 | •                |
| 0664  | Principles of Engineering I                           | 5       |       |                        | 0663          |          |                     | •                 | •                 | •                |
| 0666  | Principles of Engineering II                          | 5       |       |                        | 0664          |          |                     | •                 | •                 | •                |
| 0667  | Digital Electronics I                                 | 5       |       |                        | 0666          |          |                     | •                 | •                 | •                |
| 0668  | Digital Electronics II                                | 5       |       |                        | 0667          |          |                     | •                 | •                 | •                |
| 0675  | Civil Engineering and Architecture I                  | 5       |       |                        | 0663          |          |                     | •                 | •                 | •                |
| 0676  | Civil Engineering and Architecture II                 | 5       |       |                        | 0675          |          |                     | •                 | •                 | •                |
| 0677  | Engineering Design and Development I                  | 5       |       |                        | 0668 or 0676  |          |                     | •                 | •                 | •                |
| 0678  | Engineering Design and Development II                 | 5       |       |                        | 0677          |          |                     | •                 | •                 | •                |
| <b>Manufacturing Pathway</b>                                      |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0681  | Introduction to Metalworking                          | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0682  | Machining Processes                                   | 5       |       |                        | 0681          |          |                     | •                 | •                 | •                |
| 0683 A/B  | Automated Manufacturing Technology I                  | 10      |       |                        | 0682          |          |                     | •                 | •                 | •                |
| 0684 A/B  | Automated Manufacturing Technology II                 | 10      |       |                        | 0683          |          |                     | •                 | •                 | •                |
| 0685  | Welding I   | 5       |       |                        | 0681          |          |                     | •                 | •                 | •                |
| 0686  | Welding II: Welding Applications                      | 5       |       |                        | 0685          |          |                     | •                 | •                 | •                |
| <b>Power, Energy and Mechanized Systems Pathway</b>               |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0690  | Introduction to Power, Energy, and Mechanized Systems | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0691  | Mechanical Systems Operations                         | 5       |       |                        | 0690          |          |                     | •                 | •                 | •                |
| 0692  | Power Systems Design and Fabrication I                | 5       |       |                        | 0691          |          |                     | •                 | •                 | •                |
| 0693  | Power Systems Design and Fabrication II               | 5       |       |                        | 0692          |          |                     | •                 | •                 | •                |
| <b>Stand-Alone Courses</b>  |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0613  | Consumer Maintenance                                  | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0614  | Computer-Aided Drafting                               | 5       |       |                        |               |          | •                   | •                 | •                 | •                |

Materials for basic projects will be provided; however, students who select specialized projects may be required to purchase extra materials. Students may donate money, materials, or equipment to defray the cost of consumable materials or provide appropriate personal equipment. Students who qualify for free and reduced waivers should discuss cost with their instructors.

**INDUSTRIAL TECHNOLOGY  
SKILLED AND TECHNICAL SCIENCES (STS)**

**STAND-ALONE COURSES**

**0613 CONSUMER MAINTENANCE**

5 Credits

**Description:** Consumer Maintenance is an exploratory level course for all future homeowners. This course will introduce the learner to consumer knowledge and maintenance skills in the areas of masonry, carpentry, plumbing, electricity, insulation, drywall, interior wall finish, exterior wall finish and repair, appliance repair, furnace maintenance, small engines, and basic auto repair. The students will also explore career opportunities in these areas.

**Prerequisites:** None

**0614 COMPUTER-AIDED DRAFTING**

5 Credits

**Description:** Computer-Aided Drafting introduces the students to the software tools and techniques used in the drafting industry. Activities prepare the students for design communication in all areas of industrial technology.

**Prerequisites:** None

**CONSTRUCTION PATHWAY**

**0654 INTRODUCTION TO CARPENTRY**

5 Credits

**Description:** Introduction to Carpentry provides instruction in the use and care of hand tools and portable power equipment. Fundamental principles of construction design, fabrication, and career exploration are also addressed.

**Prerequisites:** None

**0657 CARPENTRY**

5 Credits

**Description:** Carpentry provides students with the introductory skills and knowledge needed to correctly perform construction/woodworking operations using hand tools and power equipment. Instruction emphasizes safe, proper operation and care of equipment, selection of construction materials, understanding processes, and the importance of design.

**Prerequisites:** Introduction to Carpentry

**0658 ADVANCED FINISH CARPENTRY**

5 Credits

**Description:** Advanced Finish Carpentry provides students with advanced skills and knowledge needed to perform upper level construction/woodworking operations using power equipment. Students will obtain job-related, entry-level skills in cabinet design, material selection, and construction.

**Prerequisites:** Carpentry

**0659 CONSTRUCTION AND MANAGEMENT**

5 Credits

**Description:** Construction and Management provides students with a hands-on career exploratory experience in the construction industry. Students will study surveying and site preparation, residential construction styles, foundations, framing, roofing, siding, and applying construction management skills to build a physical structure. Emphasis will be placed on basic entry-level skills, demonstration of employability skills, and development of an awareness of the opportunities in the building trades.

**Prerequisites:** Carpentry

## ENGINEERING PATHWAY

The following engineering courses are part of *Project Lead the Way*<sup>®</sup>, a nationally-recognized Science, Technology, Engineering, and Mathematics (STEM) curriculum.

To complete this pathway, students should register for at least 10 credits per year.

### **0662 INTRODUCTION TO ENGINEERING DESIGN I**

5 Credits

**Description:** Introduction to Engineering Design I encourages students to use a problem-solving model to improve existing products and invent new ones. They learn how to apply this model to solve any problems, even outside of the classroom. Students use sophisticated three-dimensional modeling software to communicate the details of these products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

**Prerequisites:** None

### **0663 INTRODUCTION TO ENGINEERING DESIGN II**

5 Credits

**Description:** Introduction to Engineering Design II continues to encourage students to use a problem-solving model to improve existing products and invent new ones. They learn how to apply this model to solve any problems, even outside of the classroom. Students use sophisticated three-dimensional modeling software to communicate the details of these products. Emphasis is placed on analyzing potential solutions and communicating ideas to others.

**Prerequisites:** Introduction to Engineering Design I

### **0664 PRINCIPLES OF ENGINEERING I**

5 Credits

**Description:** Principles of Engineering I helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use mathematics, science, and technology in an engineering problem-solving process to benefit people.

**Prerequisites:** Introduction to Engineering Design II

### **0666 PRINCIPLES OF ENGINEERING II**

5 Credits

**Description:** Principles of Engineering II continues to help students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use mathematics, science, and technology in an engineering problem-solving process to benefit people.

**Prerequisites:** Principles of Engineering I

### **0667 DIGITAL ELECTRONICS I**

5 Credits

**Description:** Digital Electronics I explores the application of electronic circuits and devices. Students use their knowledge of both computer simulation and breadboards to design, build and test their own circuits. Students will use a mathematical logic approach to simplify complex circuits.

**Prerequisites:** Principles of Engineering II

### **0668 DIGITAL ELECTRONICS II**

5 Credits

**Description:** Digital Electronics II continues to explore the application of electronic circuits and devices. Students use their knowledge of both computer simulation and breadboards to design, build and test their own circuits. Students will use a mathematical logic approach to simplify complex circuits.

**Prerequisites:** Digital Electronics I

### **0675 CIVIL ENGINEERING AND ARCHITECTURE I**

5 Credits

**Description:** Civil Engineering and Architecture I utilizes teams of students to collaborate on the development of community-based projects and conceptual design for project presentations.

**Prerequisites:** Principles of Engineering II

### **0676 CIVIL ENGINEERING AND ARCHITECTURE II**

5 Credits

**Description:** Civil Engineering and Architecture II continues to utilize teams of students to collaborate on the development of community-based projects and conceptual design for project presentations.

**Prerequisites:** Civil Engineering and Architecture I

### **0677 ENGINEERING DESIGN AND DEVELOPMENT I**

5 Credits

**Description:** Engineering Design and Development I is an engineering research course in which students work in teams to research, design, and construct a solution to an open-ended engineering problem.

**Prerequisites:** Civil Engineering and Architecture II or Digital Electronics II

**0678 ENGINEERING DESIGN AND DEVELOPMENT II**

5 Credits

**Description:** Engineering Design and Development II is an engineering research course in which students work in teams to research, design, and construct a solution to an open-ended engineering problem.

**Prerequisites:** Engineering Design and Development I

**MANUFACTURING PATHWAY****0681 INTRODUCTION TO METALWORKING**

5 Credits

**Description:** Introduction to Metalworking introduces the student to tools, materials, and manufacturing techniques and processes in the areas of welding, sheet metal, foundry, plastics, and bench metals.

**Prerequisites:** None

**0682 MACHINING PROCESSES**

5 Credits

**Description:** Machining Processes develops technical skills in the areas of machining, foundry, bench metal, and sheet metal. The student will create simple sketches and apply the menus in drafting software while learning turning and milling operations and computerized machining.

**Prerequisites:** Introduction to Metalworking

**0683 AUTOMATED MANUFACTURING TECHNOLOGY I**

10 Credits

**Description:** Automated Manufacturing Technology I provides advanced skill development in machining, foundry, and sheet metal. The student will also become familiar with Computer Numerical Control (C.N.C.) lathe and milling operations, program writing, and Computer Aided Manufacturing (C.A.M.) which allows the student to design, program, and produce a product through computer use.

**Prerequisites:** Machining Processes

**0684 AUTOMATED MANUFACTURING TECHNOLOGY II**

10 Credits

**Description:** Automated Manufacturing Technology II is a continuation of Automated Manufacturing Technology I. An introduction to machines, tools, and processes associated with the machine trade is included. Fundamentals in bench layout, basic machine tool operation, metal removal processes, measuring devices, and classifications of materials in industry are explored.

**Prerequisites:** Automated Manufacturing Technology I

**0685 WELDING I**

5 Credits

**Description:** Welding I develops welding skills in flat position arc, oxyacetylene welding, brazing, and gas and plasma cutting, gas metal arc and gas tungsten arc welding.

**Prerequisites:** Introduction to Metalworking

**0686 WELDING II: WELDING APPLICATIONS**

5 Credits

**Description:** Welding II: Welding Applications covers fundamental understanding and skills in the safe use of arc welding equipment. Typical operations include striking the arc, making fillet welds in the flat and horizontal positions and groove welds in the flat position. A variety of methods are used to examine the weldments.

**Prerequisites:** Welding I

## POWER, ENERGY, AND MECHANIZED SYSTEMS PATHWAY

### **0690 INTRODUCTION TO POWER, ENERGY, AND MECHANIZED SYSTEMS**

5 Credits

**Description:** Introduction to Power, Energy, and Mechanized Systems is a pre-robotics course that uses multiple hands-on experiences to demonstrate how power is produced and mechanisms are utilized to move a vehicle from point A to point B faster and more efficiently. Through individual and group projects, students will be challenged to engineer, construct and test vehicles using mechanical, electrical, robotic, wind, solar and chemical power. When this course is completed, students will have a better understanding of basic concepts of engineering, mechanical, electrical, critical thinking, and problem solving skills. Students will also gain a better understanding of potential career opportunities and additional courses available in the Power, Energy, and Mechanized Systems pathway.

**Prerequisites:** None

### **0691 MECHANICAL SYSTEMS OPERATIONS**

5 Credits

**Description:** Mechanical Systems Operations is an introduction to robotics course that offers students an exciting platform for learning. Through completing computer-based curriculum, hands-on programmable robotics projects, and dramatic challenges, students will build, program and operate their own robot and gain knowledge of electrical mechanisms and sensor technology. Students will work in teams and individually to problem solve real-life challenges.

**Prerequisites:** Introduction to Power, Energy, and Mechanized Systems

### **0692 POWER SYSTEMS DESIGN AND FABRICATION I**

5 Credits

**Description:** Power Systems Design and Fabrication I is the first part of a two-part capstone class for the Power Systems Pathway. Through advanced robotics or other mechanical projects, students will start the process of designing, engineering, and constructing a project that explores electrical-powered applications. Students will apply mathematics, science, electrical engineering design, electrical and mechanical skills, and team-based problem solving on projects. Students are encouraged to continue with the second part of this course, 0693 Power Systems Design and Fabrication II.

**Prerequisites:** Mechanical Systems Operations

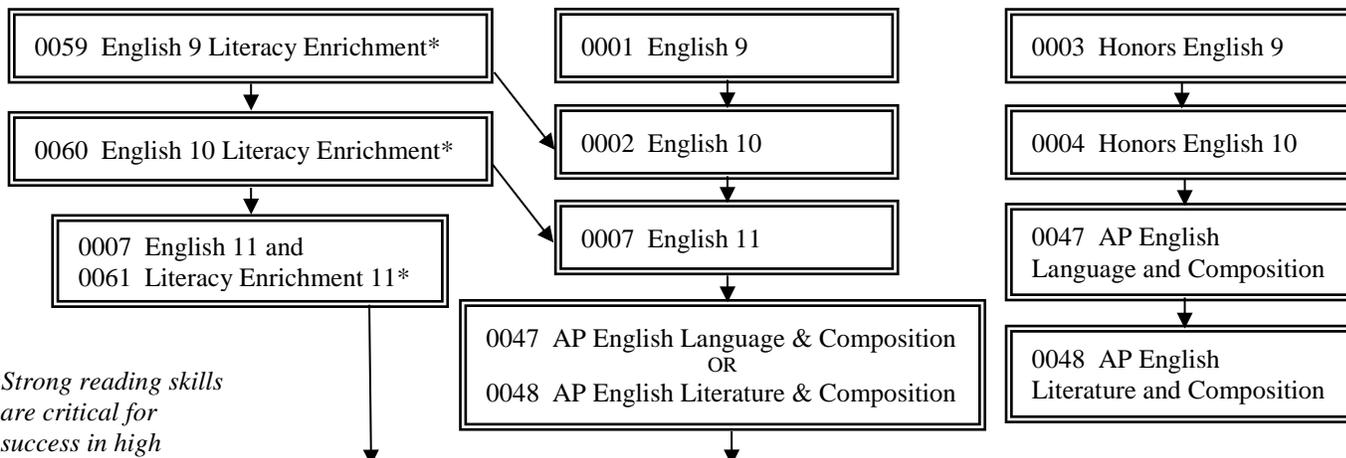
### **0693 POWER SYSTEMS DESIGN AND FABRICATION II**

5 Credits

**Description:** Power Systems Design and Fabrication II is the final part of the capstone course for the Power Systems Pathway. Through advanced robotics or other mechanical projects students will finish the process of designing, engineering and constructing a project. Through teamwork, students will continue to apply engineering, electrical, fabrication, and mechanical skills. Students will then have the opportunity to showcase their work in a variety of ways in our community.

**Prerequisites:** Power Systems Design and Fabrication I

## LANGUAGE ARTS Preferred Sequences



*\*Strong reading skills are critical for success in high school, college and the work place. These courses fulfill the English requirement for Grades 9 and 10 while also providing elective credits. Selected students who have the need for further development and improvement of reading and writing skills and strategies are recommended for these courses.*

- | <b>English Selected Electives</b> |   |
|-----------------------------------|---|
| 0033 Creative Writing             | 0067 Global Perspectives through Literature |
| 0035 College Writing              | 0068 Contemporary Literature                |
| 0062 Literacy for Life            | 0069 Media Analysis                         |
| 0065 Literature and Film          | 0076 Popular Genres in Literature           |

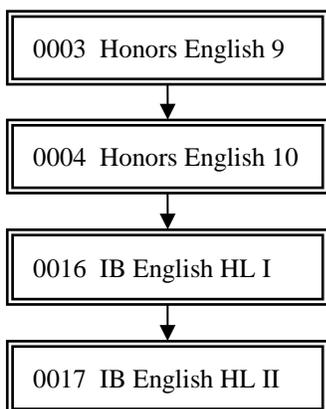
**Oral Communications Graduation Requirement**  
*Students must take at least one of the following in high school.*

- 0020 Speech
- 0021 Forensics: Competitive Speech
- 0022 Debate
- 0023 Competitive Debate

At North High School the combination of IB Language A1 and IB Language B and Theory of Knowledge I and II fulfills this requirement.

*When planning for post-secondary coursework, note that most universities require four full years of English. Speech or Debate may not count as English for some colleges.*

### Sequence for North High IB Students



- Additional General Electives: do not fulfill English credit**
- 0013 Yearbook
  - 0020 Speech
  - 0021 Forensics: Competitive Speech
  - 0022 Debate
  - 0023 Competitive Debate
  - 0024 Theatre and Performance I \*\*
  - 0025 Theatre and Performance: Advanced Studies
  - 0026 Theatre Technology
  - 0039 Theatre Appreciation \*\*
  - 0064 Introduction to Journalism, Photojournalism, and Broadcast Journalism
  - 0066 Advanced Journalism
  - 0077 Broadcast Journalism
  - 0073 IB Film SL North High only
  - 0074 IB Film HL I North High only
  - 0075 IB Film HL II North High only
- \*\* Fulfills Fine and Performing Arts requirement

## LANGUAGE ARTS

| Course                     | Course Name   | Credits | Grade | Graduation Requirement | Prerequisites      | ACT Core | Horizon High School | North High School | South High School | West High School |
|----------------------------|---|---------|-------|------------------------|--------------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>LANGUAGE ARTS</b>       |   |         |       |                        |                    |          |                     |                   |                   |                  |
| 0001 A/B                   | English 9   | 10      |       |                        |                    | •        | •                   | •                 | •                 | •                |
| 0059 A/B                   | English 9 Literacy Enrichment   | 10/10   |       |                        | †                  | •        | •                   | •                 | •                 | •                |
| 0003 A/B                   | Honors English 9  | 10      |       |                        |                    | •        |                     | •                 | •                 | •                |
| 0002 A/B                   | English 10  | 10      |       |                        | 0001 or 0059       | •        | •                   | •                 | •                 | •                |
| 0060 A/B                   | English 10 Literacy Enrichment  | 10/10   |       |                        | †                  | •        | •                   | •                 | •                 | •                |
| 0004 A/B                   | Honors English 10   | 10      |       |                        | 0003               | •        |                     | •                 | •                 | •                |
| 0007 A/B                   | English 11  | 10      |       |                        | 0002 or 0060       | •        | •                   | •                 | •                 | •                |
| 0061 A/B                   | Literacy Enrichment 11  | 10      |       |                        | †                  |          | •                   | •                 | •                 | •                |
| 0047 A/B                   | AP English Language and Composition                                   | 10      |       |                        | 0004 or 0007       | •        |                     | •                 | •                 | •                |
| 0048 A/B                   | AP English Literature and Composition                                 | 10      |       |                        | 0004 or 0007       | •        |                     | •                 | •                 | •                |
| 0016 A/B                   | IB English HL I   | 10      | 11    |                        | 0004               | •        |                     | •                 |                   |                  |
| 0017 A/B                   | IB English HL II  | 10      | 12    |                        | 0016               | •        |                     | •                 |                   |                  |
| <b>English Electives</b>   |   |         |       |                        |                    |          |                     |                   |                   |                  |
| 0033                       | Creative Writing  | 5       |       |                        | 0004 or 0007       | •        | •                   | •                 | •                 | •                |
| 0035                       | College Writing   | 5       |       |                        | 0004 or 0007       | •        |                     | •                 | •                 | •                |
| 0062                       | Literacy for Life   | 5       |       |                        | 0007 or 0061       |          | •                   | •                 | •                 | •                |
| 0065                       | Literature and Film   | 5       |       |                        | 0004 or 0007       | •        |                     | •                 | •                 | •                |
| 0067                       | Global Perspectives Through Literature                                | 5       |       |                        | 0004, 0007 or 0061 | •        |                     | •                 | •                 | •                |
| 0068                       | Contemporary Literature   | 5       |       |                        | 0004, 0007 or 0061 | •        | •                   | •                 | •                 | •                |
| 0069                       | Media Analysis  | 5       |       |                        | 0004 or 0007       |          |                     | •                 | •                 | •                |
| 0076                       | Popular Genres in Literature  | 5       |       |                        | 0004, 0007 or 0061 |          | •                   | •                 | •                 | •                |
| <b>Oral Communications</b> |   |         |       |                        |                    |          |                     |                   |                   |                  |
| 0020                       | Speech  | 5       |       | OC                     |                    | •        | •                   | •                 | •                 | •                |
| 0021 A/B                   | Forensics: Competitive Speech   | 10      |       | OC                     |                    | •        |                     | •                 | •                 | •                |
| 0022                       | Debate  | 5       |       | OC                     |                    | •        |                     | •                 | •                 | •                |
| 0023 A/B                   | Competitive Debate  | 10      |       | OC                     |                    |          |                     | •                 | •                 | •                |
| <b>Drama</b>               |   |         |       |                        |                    |          |                     |                   |                   |                  |
| 0024                       | Theatre and Performance I   | 5       |       | F                      |                    |          |                     | •                 | •                 | •                |
| 0025                       | Theatre and Performance: Advanced Studies                             | 5       |       |                        | 0024               |          |                     | •                 | •                 | •                |
| 0026                       | Theatre Technology  | 5       |       |                        | 0024 or 0039       |          |                     | •                 | •                 | •                |
| 0039                       | Theatre Appreciation  | 5       |       | F                      |                    |          |                     | •                 | •                 | •                |
| <b>Journalism</b>          |   |         |       |                        |                    |          |                     |                   |                   |                  |
| 0064                       | Introduction to Journalism, Photojournalism, and Broadcast Journalism | 5       |       |                        |                    |          |                     | •                 | •                 | •                |
| 0066 A/B                   | Advanced Journalism (20 credits at WHS)                               | 10      |       |                        | 0064†              |          |                     | •                 | •                 | •                |
| 0013 A/B                   | Yearbook (20 credits at WHS)  | 10      |       |                        | 0064†              |          |                     | •                 | •                 | •                |
| 0077                       | Broadcast Journalism  | 5       |       |                        | 0064               |          |                     | •                 | •                 | •                |
| 0073 A/B                   | IB Film SL  | 10      | 11-12 |                        |                    |          |                     | •                 |                   |                  |
| 0074 A/B                   | IB Film HL I  | 10      | 11    |                        |                    |          |                     | •                 |                   |                  |
| 0075 A/B                   | IB Film HL II   | 10      | 12    |                        | 0074               |          |                     | •                 |                   |                  |

F = Fulfills Fine and Performing Arts Graduation Requirement

† = See course descriptions for additional requirements.

OC = Fulfills Oral Communications Graduation Requirement

Once the student has successfully completed Competitive Debate, Advanced Journalism, Forensics: Competitive Speech, Theatre and Performance: Advanced Studies, Theatre Technology, or Yearbook, the course may be repeated for elective credit (pending available space).

**LANGUAGE ARTS****0001 ENGLISH 9**

10 Credits

**Introduction to Literature and Composition**

**Description:** This course provides students with the opportunity to analyze, interpret, and respond to classic and contemporary literature including short stories, novels, poetry, drama, memoirs, film, non-fiction, and visual texts. Students will implement a variety of reading, writing, and speaking strategies to make thematic connections between classic and contemporary texts. Students will be introduced to analytical writing, writing in response to texts, and writing based on audience, purpose, and a range of structures.

**Prerequisites:** None

**0002 ENGLISH 10**

10 Credits

**World Literature and Composition**

**Description:** In World Literature and Composition, students will advance their language skills through reading, writing, speaking, and multiple literacies. Students will explore thematic connections between Western and World Literature using a multitude of texts including short stories, novels, poetry, non-fiction, drama, and visual and digital texts. Students will develop skills related to navigating complex texts, identifying and utilizing appropriate writing standards, and developing the research process. Students will analyze print and multi-media texts to prepare for the demands of the 21st century. Students will use literacy skills to create a variety of relevant products including, but not limited to, essays, presentations, and creative critical thinking activities.

**Prerequisites:** English 9 or English 9 Literacy Enrichment

**0003 HONORS ENGLISH 9**

10 Credits

**World Literature and Advanced Composition**

**Description:** This course provides an advanced curriculum from Contemporary, Western, and World Literature that will advance language skills through reading, writing, speaking, and multiple literacies. Students will explore thematic connections between a multitude of texts including short stories, novels, poetry, non-fiction, drama, and visual and digital texts. In World Literature and Advanced Composition, students will develop skills related to navigating complex texts, analytical writing, and developing the research process. This course will develop culturally literate people who use academic discourse to communicate effectively. Students who take this course are expected to be self-motivated learners with strong reading, writing, and critical thinking skills.

**Prerequisites:** None

**0004 HONORS ENGLISH 10**

10 Credits

**American Literature and Advanced Composition**

**Description:** Through this course, students will explore how American literature reflects the identities and cultures of the United States. Students will become adept at analyzing challenging texts from a variety of genres through diverse cultural, racial, and gender perspectives and voices in historical and contemporary literature. By analyzing the authors' views and social context, students will continue to develop skills related to navigating complex texts, analytical writing, and developing the research process. Students who take this course will have high levels of language competencies and enjoy an academic challenge.

**Prerequisites:** Honors English 9

**0007 ENGLISH 11**

10 Credits

**American Literature and Composition**

**Description:** Through this course, students will explore how American literature reflects the identities and cultures of the United States. Students will become adept at analyzing challenging texts from a variety of genres through cultural, racial, and gender perspectives in historical and contemporary literature. By analyzing the authors' views and social context, students will delve into deeper understanding of language, literature, and the writing and research process. Students will study a variety of texts including short stories, novels, poetry, drama, fiction, non-fiction, and visual and digital texts. Students will be assessed using a variety of methods including, but not limited to, essays, presentations, and creative critical thinking activities.

**Prerequisites:** English 10 or English 10 Literacy Enrichment

**0013 YEARBOOK****Stampede - NHS, The Patriot - SHS, Prowler – WHS**

10 Credits (20 at West HS)

**Description:** Make history! In this course, students will expand the skills of photography, layout and design, interviewing, and journalistic writing to capture the memories and tell the stories of the school year in a published yearbook. Attendance at school events outside of the regular school day is required. Student work can be submitted for local, state, and national contests, including the NSAA sponsored State Journalism Competition. The course may be repeated for elective credit.

**Prerequisites:** Intro to Journalism, Photojournalism, and Broadcast Journalism or permission from the instructor

**0016 IB ENGLISH HL I****11 North only**

10 Credits

**Description:** IB English HL I consists of Part 4 and Part 1 of the IB English curriculum for testing. Part 4 is the “school’s free choice” section which utilizes selections from the IB reading list that encompass the theme Individual and Society. IB required testing over these works is a prepared ten-minute oral presentation. The presentation is worth 15% of the IB English grade. Part 1 is “World Literature” which includes selections from the IB reading list. Part 1 culminates in the writing/preparation of two World Literature papers. Each paper is 10% of the final IB English grade. Students must possess a high level of commitment to close, detailed, and critical examination of world literature. Skills in studying, organizing, and managing time outside of class are essential, as well as the ability to communicate orally.

**Prerequisites:** Honors English 10

**0017 IB ENGLISH HL II****12 North only**

10 Credits

**Description:** IB English HL II consists of Part 2 and Part 3 of the IB English curriculum for testing. Part 2 is the “detailed study” section where students study in detail some of the most important works and/or authors in the major genres of their respective Language A1. All selections are chosen from the IB reading list. IB required testing over these works is a formal oral commentary. The presentation is worth 15% of the IB English grade. Part 3 is “groups of works” which includes selections from the IB reading list. Here, groups of works are selected from the same genre category and studied in depth. Part 3 culminates in the writing of two papers, a commentary and an essay. Each is worth 25% of the English IB grade. Students should be able to think at higher levels such as inference, interpretation, compare-contrast, cause-effect, analysis, evaluation, and speculation. They should be able to write a well-organized, well-supported multi-paragraph essay. Students will be required to reach within themselves to interpret literature using appropriate approaches and techniques.

**Prerequisites:** IB English HL I

**0020 SPEECH**

5 Credits

**Description:** This is an introductory course designed to assist students in understanding and improving their skill in effective communication. Speech is a performance-based course that will allow students to apply the skills learned in class using a variety of activities, such as: public speaking, self-critique, and group work. In addition, all students will complete a mock job interview unit which assists in meeting graduation requirements. This course fulfills the Oral Communications Graduation Requirement.

**Prerequisites:** None

**0021 FORENSICS: COMPETITIVE SPEECH**

10 Credits

**Description:** Forensics is a two semester course designed for students interested in competitive speaking and acting activities. This course is developed around competitive events sanctioned by the Nebraska School Activities Association (NSAA) and the National Speech and Debate Association (NSDA). Students will be exposed to researching, writing, and presenting speeches, along with analyzing and performing works of literature. Students will be expected to compete in tournaments, a majority of which will take place on weekends. In addition, all students will complete a mock job interview unit which assists in meeting graduation requirements. Upon successful completion, this course may be repeated for elective credit (pending available space and instructor approval). This course fulfills the Oral Communications Graduation Requirement.

**Prerequisites:** None

**0022 DEBATE**

5 Credits

**Description:** Debate I is a semester course designed to introduce students to the theory and practice of academic debate. The course will focus on argumentation, research, and delivery skills. In-class debate will be used to measure student understanding and application of skills. In addition, all students will complete a mock job interview unit which assists in meeting one of the Personal Learning Plan (PLP) graduation requirements. Students who enjoy competitive debate may choose to join the debate team, but doing so is not mandatory for this course. This course fulfills the Oral Communications Graduation Requirement.

**Prerequisites:** None

**0023 COMPETITIVE DEBATE**

10 Credits

**Description:** Advanced Debate is a one or two semester course designed for teaching advanced argumentation practice to members of the debate team. Instruction will focus on competitive debate strategies, advanced research and writing skills, and persuasive techniques. Students will be challenged to realize their individual debate potential. Students are required to participate in debate tournaments which often take place on weekends. In addition, all students will complete a mock job interview unit which assists in meeting graduation requirements. Upon successful completion, this course may be repeated for elective credit (pending available space). This course fulfills the Oral Communications Graduation Requirement.

**Prerequisites:** None

**0024 THEATRE AND PERFORMANCE I**

5 Credits

**Description:** This is a performance-based survey course designed to introduce students to many different aspects of theatre. Units include acting, script analysis, theatre history, and an overview of technical theatre. The acting unit consists of individual and group in-class performances, regular participation in acting exercises, and memorized scenes and monologues. Students will engage in script analysis, character analysis, analysis of the production process and viewed performances. The theatre history unit may include the origins of storytelling and evolution of the theatre, while the overview of technical theatre may include scenery, lighting, sound, and/or costuming/makeup. Successful completion of performances and projects is a course requirement. This course fulfills the Fine and Performing Arts Graduation Requirement and serves as a prerequisite for Theatre Performance: Advanced Studies and Theatre Technology.

**Prerequisites:** None

**0025 THEATRE AND PERFORMANCE: ADVANCED STUDIES**

5 Credits

**Description:** This is a performance-based course designed to further develop skills in theatre from production process to performance. Students will gain a deeper understanding of script and production process, acting/audition techniques, and theatre history. Students may also be introduced to directing techniques, acting theory, theatre periods, and acting and musical theatre styles, and viewed performances. Successful completion of performances and projects is a course requirement. A public performance may be a component of this course. Students who have successfully completed this course may elect to repeat it for additional semesters of theatre experience. Upon successful completion, this course may be repeated for elective credit (pending available space).

**Prerequisites:** Theatre and Performance I

**0026 THEATRE TECHNOLOGY**

5 Credits

**Description:** This is a course designed for students who wish to pursue knowledge of technical theatre and theatrical design. It emphasizes the backstage elements of theatre production including theatre safety, set design and construction techniques, scene painting, properties, lighting, costume/makeup design, stage management, and theatre administration skills. Students will gain hands-on experience with current theatre technologies including: the use of construction/power tools, computer-based set/light/sound design programs, as well as an electronic portfolio. Hands-on lab instruction and technical projects are a course requirement. Students may be required to attend and/or participate in a technical capacity for a production or performance outside of class. Students who have successfully completed this course may elect to repeat it for additional semesters of theatre experience.

**Prerequisites:** Theatre and Performance I or Theatre Appreciation

**0033 CREATIVE WRITING**

5 Credits

**Description:** Creative Writing is a semester long, advanced writing course for students who enjoy writing and want to improve their composition skills. Students will be required to write and read daily. Students will maintain a writer's notebook where they will experiment with a variety of writing genre; these genres may include but are not limited to short stories, poetry, and script writing. Creative writers are, by nature, readers and will read and analyze short stories and poetry as guides to develop their own writing. Students will be required to share their writing in small groups and with the class.

**Prerequisites:** Honors English 10 or English 11

**0035 COLLEGE WRITING**

5 Credits

**Description:** College Writing is a course designed to prepare students for writing and independent research at the collegiate level. Practice in academic inquiry and the proper method for organizing, researching, and writing a formal research paper are emphasized in this course. Because organizational skills and time management are important when working to meet deadlines for this course, this class is best suited for independent workers and motivated students.

**Prerequisites:** Honors English 10 or English 11

**0039 THEATRE APPRECIATION**

5 Credits

**Description:** This non-performance course will assist in the understanding and appreciation of theatrical elements in the world around us. Units may include overviews of stage, film, television and radio characteristics; scenery, lighting, sound, and/or costuming/make-up; script and character analysis; analysis of viewed performances, and theatre history. Successful completion of projects is a course requirement. This course satisfies the Fine and Performing Arts Graduation Requirement and also counts as a prerequisite to Theatre Technology. Students interested in a performance-based course should refer to Theatre and Performance I.

**Prerequisites:** None

**0047 ADVANCED PLACEMENT® ENGLISH LANGUAGE AND COMPOSITION**

10 Credits

**Description:** Advanced Placement® English Language and Composition is a course for 11th and 12th grade students who are interested in pursuing rigorous advanced studies in language arts with a focus on close reading of non-fiction texts from a variety of periods, disciplines, and rhetorical contexts. Students will develop college level writing skills in the modes of exposition, analysis, and argumentation. Students will read and write with the intention to become informed citizens in order to engage in consequential conversations, projects, and writings about meaningful topics. Students will utilize outside sources from a variety of perspectives in order to make their own reasonable and informed contributions. Students will improve academic voice in their own writing through experimentation with various grammatical constructions, use of academic diction, and development of tone. Completion of this course will prepare students to take the Advanced Placement® English Language and Composition exam.

**Prerequisites:** Honors English 10 or English 11

**0048 ADVANCED PLACEMENT® ENGLISH LITERATURE AND COMPOSITION**

10 Credits

**Description:** Advanced Placement® English Literature and Composition is a course for 11th and 12th grade students interested in pursuing rigorous advanced studies in language arts with a focus on close reading of works of literary merit, including poetry, short stories, novels, and drama. Texts will be considered in historical context as well as through various lenses of interpretation. In addition, students will analyze literature focusing on how writers create meaning through literary techniques such as structure, style, theme, figurative language, imagery, symbolism, and tone. This course builds on literary analysis skills, which students will demonstrate through a variety of mediums. Students will improve academic voice in their own writing through experimentation with various grammatical constructions, use of academic diction, and development of tone. Completion of this course will prepare students to take the Advanced Placement® English Literature and Composition exam. In addition, students will have the opportunity to dual enroll through the University of Nebraska at Omaha for three college credits per semester. AP Literature and Composition is a rigorous, capstone course. Students who complete Advanced Placement® Language and Composition as juniors will be best prepared to succeed in this college-level course.

**Prerequisites:** Honors English 10 or English 11

**0059 ENGLISH 9 LITERACY ENRICHMENT**

10 English Credits/10 Elective Credits

**Description:** English 9 Literacy Enrichment is a skill building and study skills course designed for 9<sup>th</sup> grade students who need more practice with reading as evidenced by prior assessment results and literacy abilities demonstrated during middle school. This course uses best practices in building reading and writing skills based on individual student needs. Diagnostic and benchmark assessments are used to monitor student progress. Lessons are designed to build skills in reading and writing so that students can successfully complete the English 9 curriculum, gain strategies and skills needed for future success, and meet the standards on district reading and writing tests.

**Prerequisites:** Need for reading improvement; placement recommendation from Building Data Team

**0060 ENGLISH 10 LITERACY ENRICHMENT**

10 English Credits/10 Elective Credits

**Description:** English 10 Literacy Enrichment is a skill building and study skills course designed for 10<sup>th</sup> grade students who need more practice with reading as evidenced by prior assessment results, including standardized test scores, and literacy abilities demonstrated in ninth grade. This course uses best practices in building reading and writing skills based on individual student needs. Diagnostic and benchmark assessments are used to monitor student progress. Lessons are designed to build skills in reading so that students can successfully complete the English 10 curriculum, gain strategies and skills needed for future success, and meet the standards on district reading tests.

**Prerequisites:** Need for reading improvement; either English 9 or English 9 Literacy Enrichment

**0061 LITERACY ENRICHMENT 11**

10 Elective Credits

**Description:** Literacy Enrichment is a skill building and study skills course designed for 11<sup>th</sup> grade students who need more practice with reading as evidenced by previous assessment results. This course uses best practices in building reading skills based on individual student needs. Diagnostic and benchmark assessments are used to monitor student progress. Lessons are designed to build skills in reading so that students gain literacy strategies and skills needed for future success and meet the standards on district and state reading assessments. This course will focus more on building additional reading skills and is taken in addition to the required English 11 course.

**Prerequisites:** Need for reading skills improvement; either English 10 or English 10 Literacy Enrichment

**0062 LITERACY FOR LIFE**

5 Credits

**Description:** Literacy for Life is a one semester course designed for students who are looking to improve literacy skills while preparing for future careers. Coursework includes the everyday skills required in professional and workplace communication. Students will also read literary and informational text to explore its relevance to their lives and to realize the impact each person has on a community.

**Prerequisites:** English 11 or Literacy Enrichment 11

**0064 INTRODUCTION TO JOURNALISM, PHOTOJOURNALISM, and BROADCAST JOURNALISM**

5 Credits

**Description:** Explore all aspects of journalism with this introductory course. Students will learn the skills needed to be a student journalist by taking and editing photos, filming and editing news and feature videos, writing journalistically, and designing newspaper and yearbook layouts. Successful completion of this course is required for students who wish to take Yearbook, Advanced Journalism, or Broadcast Journalism courses.

**Prerequisites:** None

**0065 LITERATURE AND FILM**

5 Credits

**Description:** Students will analyze literature and companion films in order to understand the complex decision making necessary for adaptation. Students will read short stories, novels, and/or plays from a variety of genres. Possible genres include: Comedy/Romantic Comedy, Thriller/Mystery/Film Noir, Western/Action & Adventure, Science Fiction/Fantasy, and “Based on a True Story.” This course will focus on introducing film terminology, structure, and history, and film as a literature form. Students will apply close reading skills in order to produce analytical writing. Students will be assessed using methods including, but not limited to, essays and critical-thinking activities.

**Prerequisites:** Honors English 10 or English 11

**0066 ADVANCED JOURNALISM**

10 Credits (20 at West HS)

**Hoofbeat – North HS, Common Sense – South HS, Catalyst – West HS**

**Description:** Get published! Students will be the voice of the student body as they tell the stories of the school, express opinions, and go in-depth on topics of interest. Students will also hone their skills in photography, layout and design, and interviewing. The stories may be published through a variety of mediums such as online, print, social media, broadcast, and podcast. Attendance at school events outside of the regular school day may be required. Student work can be submitted for local, state and national contests, including the NSAA sponsored State Journalism Competition. The course may be repeated for elective credit.

**Prerequisites:** Intro to Journalism, Photojournalism, and Broadcast Journalism or permission from the instructor.

**0067 GLOBAL PERSPECTIVES THROUGH LITERATURE**

5 Credits

**Description:** Global Perspectives Through Literature is a course that continues to develop the skills established in previous English courses. Students will study a variety of texts, including short stories, novels, poetry, drama, memoirs, graphic novels, film, and images from countries other than the United States and Western Europe. Students will be exposed to a range of thematic units that focus on diverse perspectives and voices from around the world. Students will be assessed using a variety of methods, including essays, presentations, and critical-thinking activities.

**Prerequisites:** Honors English 10, English 11, or Literacy Enrichment 11

**0068 CONTEMPORARY LITERATURE**

5 Credits

**Description:** Contemporary Literature is a course that will engage students in a focused study of contemporary literature written over the last two decades. Students will critically examine why different genres of contemporary literature appeal to different readerships, how and why different readers determine if a book is worth reading, and the role that literature may play in their lives. Students will study critically-acclaimed fiction and nonfiction selections and will be expected to read a minimum of five novels, at least two as a whole class, some in small groups, and some independently, during the semester. Students will rigorously respond to text through a variety of methods, including, but not limited to, discussion, essays, critical-thinking activities, journals, and blogs

**Prerequisites:** Honors English 10, English 11, or Literacy Enrichment 11

**0069 MEDIA ANALYSIS**

5 Credits

**Description:** This course is an introduction to mass media: what it is, how it affects us, and how we react to it. This course requires nonfiction readings (e.g., essays, articles, political writing, science writing, nature writing, autobiographies/biographies, diaries, history, criticism) to identify and explain an author's use of rhetorical strategies and techniques. Students will access, analyze, and create messages in a variety of media forms. Students will apply critical analysis skills to media messages in order to become more informed citizens and independent thinkers. Students will write for a variety of audiences, both in creation of their own media products, and analysis of media messages (compare/contrast, cause/effect, and analysis pieces). The course will incorporate research skills in an effort to evaluate, use, and cite primary and secondary sources.

**Prerequisites:** Honors English 10, English 11, or Literacy Enrichment 11

**0073 IB FILM SL**

11-12

North only

10 Credits

**Description:** Film is both a powerful communication medium and an art form. This one year film course aims to develop students' skills so they become adept in both interpreting and making film texts. The IB film course will involve the student in a comprehensive examination of the nature of film. The three compulsory parts of the course will include an in-depth study of textual analysis, the detailed study of film sequences and contextualizing meanings within a larger framework; film theory and history, the study of films and film-making traditions from more than one culture; creative process-techniques and organization of production; the development of creative, analytic and production skills with film-making.

**Prerequisites:** None

**0074 IB FILM HL I**

11

North only

10 Credits

**Description:** Film is both a powerful communication medium and an art form. This first year film course of a two year program aims to develop students' skills so they become adept in both interpreting and making film texts. The IB film course will involve the student in a comprehensive examination of the nature of film. The three compulsory parts of the course will include an in-depth study of textual analysis, the detailed study of film sequences and contextualizing meanings within a larger framework; film theory and history, the study of films and film-making traditions from more than one culture; creative process-techniques and organization of production; the development of creative, analytic, and production skills with film-making.

**Prerequisites:** None

**0075 IB FILM HL II**

12

North only

10 Credits

**Description:** Film is both a powerful communication medium and an art form. This second year film course builds on the first year course of study and aims to further develop students' skills so they become adept in both interpreting and making film texts. The IB film course will involve the student in a comprehensive examination of the nature of film. The three compulsory parts of the course will include an in-depth study of textual analysis, the detailed study of film sequences, and contextualizing meanings within a larger framework; film theory and history, the study of films and film-making traditions from more than one culture; creative process-techniques and organization of production; the development of creative, analytic, and production skills with film-making.

**Prerequisites:** IB Film HL I

**0076 POPULAR GENRES IN LITERATURE**

5 Credits

**Description:** This course will examine popular genres throughout the ages. Students will enjoy reading, writing about, responding to, and discussing short stories and novels -- contemporary and classics. Selections will come from the following focus genres: sports literature, crime and detective collections, fantasy, action/adventure, dystopian/science-fiction, and creative nonfiction. This class will be assessed using a variety of methods, including, but not limited to, essays, presentations, journals, and creative critical thinking activities.

**Prerequisites:** Honors English 10, English 11, or Literacy Enrichment 11

**0077 BROADCAST JOURNALISM**

5 Credits

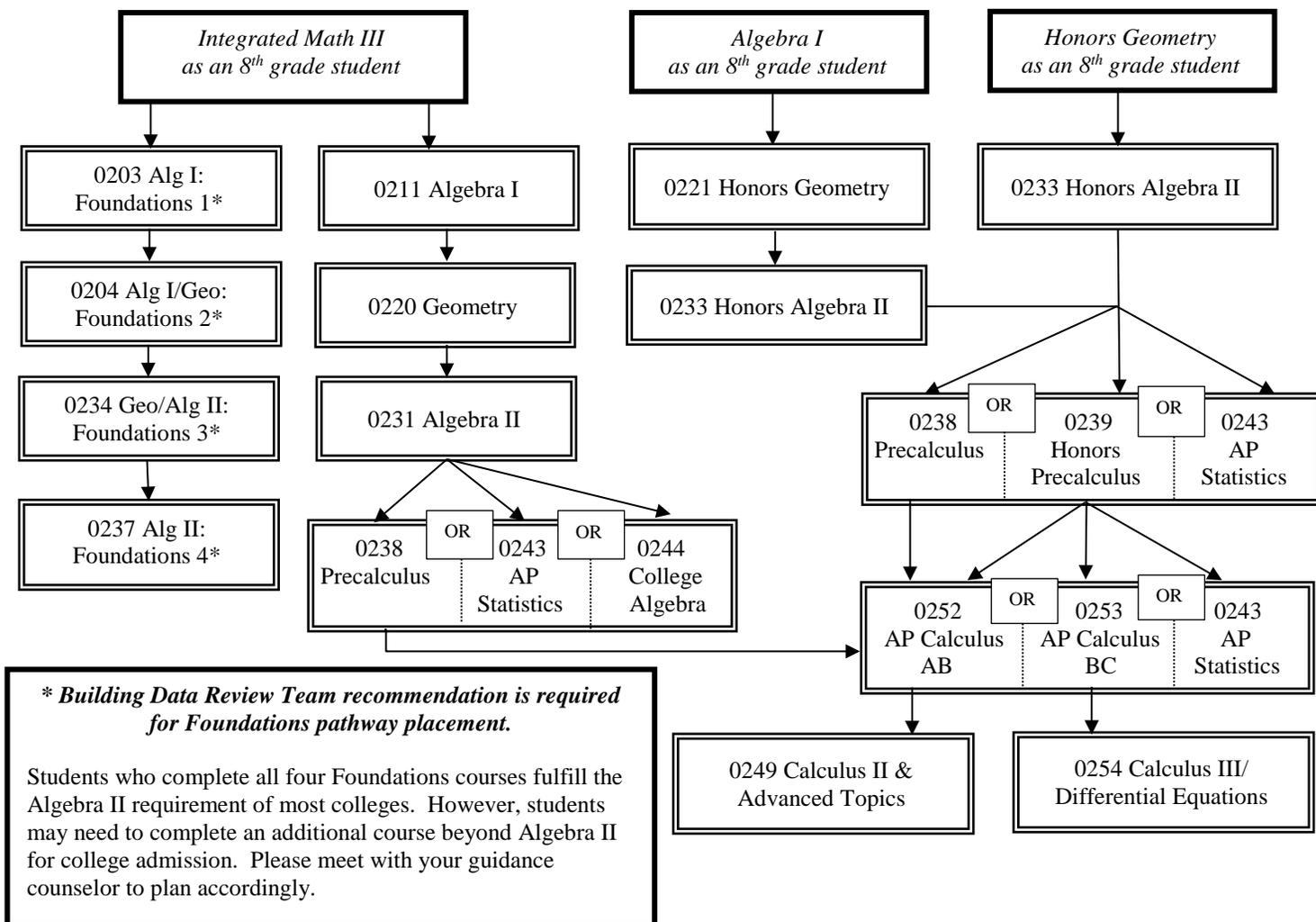
**Description:** Students will create projects in a variety of media, such as video broadcast, website, podcast and social media. Students will expand their media skills of photography and videography, interviewing, reporting, writing, and editing to create professional products while meeting deadlines. Attendance at school events outside of the regular school day is required. Student work can be submitted for local, state, and national contests, including the NSAA sponsored State Journalism Competition. The course may be repeated for elective credit.

**Prerequisites:** Intro to Journalism, Photojournalism, and Broadcast Journalism or permission from the instructor

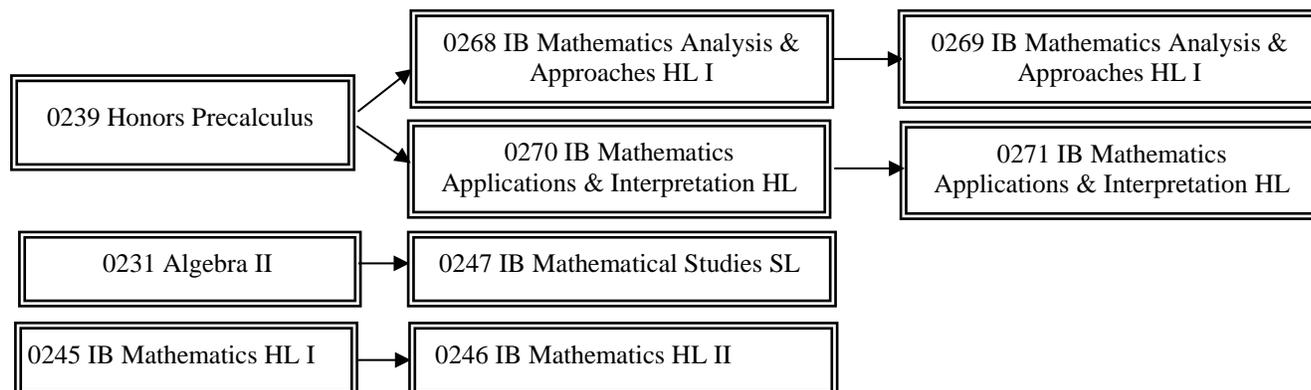
# MATHEMATICS

A student's 8<sup>th</sup> grade mathematics course determines where a student enters this flowchart in 9<sup>th</sup> grade.

Advanced Placement® (AP) Statistics can be taken any time after successful completion of Algebra II and concurrently with another mathematics course.



## Millard North High School IB Diploma Programme Students Only



## MATHEMATICS

| Course             | Course Name  | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|--------------------|--|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>MATHEMATICS</b> |  |         |       |                        |               |          |                     |                   |                   |                  |
| 0203 A/B           | Alg I: Foundations 1                               | 10      |       |                        | †             | •        | •                   | •                 | •                 | •                |
| 0204 A/B           | Alg I/Geo: Foundations 2                           | 10      |       |                        | 0203†         | •        | •                   | •                 | •                 | •                |
| 0211 A/B           | Algebra I  | 10      |       |                        |               | •        | •                   | •                 | •                 | •                |
| 0220 A/B           | Geometry   | 10      |       |                        | 0211 or 0204† | •        | •                   | •                 | •                 | •                |
| 0221 A/B           | Honors Geometry                                    | 10      |       |                        | 0211          | •        |                     | •                 | •                 | •                |
| 0234 A/B           | Geo/Alg II: Foundations 3                          | 10      |       |                        | 0204†         | •        | •                   | •                 | •                 | •                |
| 0237 A/B           | Alg II: Foundations 4                              | 10      |       |                        | 0234†         | •        | •                   | •                 | •                 | •                |
| 0231 A/B           | Algebra II   | 10      |       |                        | 0220 or 0234  | •        | •                   | •                 | •                 | •                |
| 0233 A/B           | Honors Algebra II                                  | 10      |       |                        | 0221          | •        |                     | •                 | •                 | •                |
| 0244 A/B           | College Algebra                                    | 10      |       |                        | 0231          | •        | •                   | •                 | •                 | •                |
| 0238 A/B           | Precalculus  | 10      |       |                        | 0231          | •        |                     | •                 | •                 | •                |
| 0239 A/B           | Honors Precalculus                                 | 10      |       |                        | 0233          | •        |                     | •                 | •                 | •                |
| 0243 A/B           | AP Statistics                                      | 10      |       |                        | 0231          | •        |                     | •                 | •                 | •                |
| 0245 A/B           | IB Mathematics HL I                                | 10      | 11    |                        | 0239          | •        |                     | •                 |                   |                  |
| 0246 A/B           | IB Mathematics HL II                               | 10      | 12    |                        | 0245          | •        |                     | •                 |                   |                  |
| 0247 A/B           | IB Mathematical Studies SL                         | 10      | 11-12 |                        | 0231 or 0233  | •        |                     | •                 |                   |                  |
| 0248 A/B           | IB Mathematics SL                                  | 10      | 11-12 |                        | 0239          | •        |                     | •                 |                   |                  |
| 0249 A/B           | Calculus II and Advanced Topics                    | 10      |       |                        | 0252          | •        |                     | •                 | •                 | •                |
| 0252 A/B           | AP Calculus AB                                     | 10      |       |                        | 0238 or 0239  | •        |                     | •                 | •                 | •                |
| 0253 A/B           | AP Calculus BC                                     | 10      |       |                        | 0239          | •        |                     | •                 | •                 | •                |
| 0254 A/B           | Calculus III/Differential Equations *              | 10      |       |                        | 0253          | •        |                     | *                 | *                 | *                |
| 0268 A/B           | IB Mathematics Analysis & Approaches HL I          | 10      | 11    |                        | 0233          |          |                     | •                 |                   |                  |
| 0269 A/B           | IB Mathematics Analysis & Approaches HL II         | 10      | 12    |                        | 0268          |          |                     | •                 |                   |                  |
| 0270 A/B           | IB Mathematics Applications & Interpretation HL I  | 10      | 11    |                        | 0233          |          |                     | •                 |                   |                  |
| 0271 A/B           | IB Mathematics Applications & Interpretation HL II | 10      | 12    |                        | 0270          |          |                     | •                 |                   |                  |
| 0272 A/B           | IB Mathematics Applications & Interpretation SL    | 10      | 11    |                        | 0231          |          |                     | •                 |                   |                  |

† = See course descriptions for additional requirements.

All students must successfully complete 30 credits of mathematics in high school in order to meet the minimum graduation requirements. All students should complete 3 to 4 years of mathematics including Algebra II or Algebra II: Foundations 4 for minimum college preparation.

School calculators are available for use in all mathematics classes. Students may also use their own calculators.

\*Pending instructor availability – may need to arrange schedule to attend available instructor’s assigned high school.

## MATHEMATICS

### 0203 ALG I: FOUNDATIONS 1

10 Credits

**Description:** Students who would benefit from reinforcement in basic algebraic skills in order to successfully master algebra concepts may be recommended for this course. Students will solve linear equations and inequalities and analyze solutions. Successful completion of both Alg I: Foundations 1 and Alg I/Geo: Foundations 2 will satisfy the Algebra I graduation requirement. Upon completion, students should enroll in either Alg I/Geo: Foundations 2 or Algebra I.

**Prerequisites:** Placement recommendation from Building Data Team

**0204 ALG I/GEO: FOUNDATIONS 2**

10 Credits

**Description:** Students will investigate and solve problems involving systems of equations, polynomials, exponential equations, and quadratics. They will also study basic two- and three-dimensional geometric concepts including trigonometry and proofs. Successful completion of both Alg I: Foundations 1 and Alg I/Geo: Foundations 2 will satisfy the Algebra I graduation requirement. Upon completion, students should enroll in either Geo/Alg II: Foundations 3 or Geometry.

**Prerequisites:** Alg I: Foundations 1 and/or placement recommendation from Building Data Team

**0211 ALGEBRA I**

10 Credits

**Description:** Students will explore linear, quadratic, and exponential equations in depth. They will also study probability concepts as an extension of the middle school courses: Integrated Math II and III. Algebra I is designed for students who have a strong understanding of the basics of arithmetic, demonstrated algebraic readiness, and who understand mathematics in a more abstract form.

**Prerequisites:** None

**0220 GEOMETRY**

10 Credits

**Description:** Students will study the properties and applications of geometric figures in two and three dimensions. This includes inductive and deductive thinking skills in problem solving situations as well as transformations, right triangle trigonometry, properties of circles, and perimeter, area, and volume applications. Writing proofs to prove properties of geometric figures is emphasized.

**Prerequisites:** Algebra I or Alg I/Geo: Foundations 2

**0221 HONORS GEOMETRY**

10 Credits

**Description:** Students will study the properties and applications of geometric figures in two and three dimensions. This includes inductive and deductive thinking skills in problem solving situations as well as transformations, right triangle trigonometry, properties of circles, and perimeter, area, and volume applications. Writing proofs to prove properties of geometric figures is emphasized. This course will go into greater depth than Geometry and is recommended for students who plan to pursue Advanced Placement<sup>®</sup> or International Baccalaureate<sup>®</sup> mathematics classes.

**Prerequisites:** Algebra I

**0231 ALGEBRA II**

10 Credits

**Description:** Students will explore a variety of advanced, integrated algebraic topics such as systems of equations and inequalities, higher-ordered polynomials, and advanced functions. Algebra II completes the three-year mathematics sequence required by many colleges.

**Prerequisites:** Geometry or Geo/Alg II: Foundations 3

**0233 HONORS ALGEBRA II**

10 Credits

**Description:** Students will further develop understanding of a variety of advanced algebraic topics such as systems of equations and inequalities, higher-ordered polynomials, advanced functions and discrete mathematics topics. This course will go into greater depth than Algebra II and is recommended for students who plan to pursue Advanced Placement<sup>®</sup> or International Baccalaureate<sup>®</sup> mathematics classes.

**Prerequisites:** Honors Geometry

**0234 GEO/ALG II: FOUNDATIONS 3**

10 Credits

**Description:** Students will investigate geometric concepts including both two- and three-dimensional figures, apply geometric properties to solve problems, prove geometric theorems, and use coordinate geometry. Additionally, students will expand their understanding of algebraic concepts. Upon completion, students should enroll in Alg II: Foundations 4 or Algebra II for completion of Algebra II content.

**Prerequisites:** Alg I/Geo: Foundations 2 and/or placement recommendation from Building Data Team

**0237 ALG II: FOUNDATIONS 4**

10 Credits

**Description:** Students will investigate a variety of advanced algebraic topics such as systems of equations and inequalities, higher-ordered polynomials, advanced functions, and discrete mathematics topics.

**Prerequisites:** Geo/Alg II: Foundations 3 and/or placement recommendation from Building Data Team

**0244 COLLEGE ALGEBRA**

10 Credits

**Description:** Students will investigate functions, matrices, and conic sections through an algebraic, analytical, numerical, and graphical approach, including mathematical modeling for real-world application. This course will assist students in preparation for introductory college mathematics courses. Students planning to take Calculus should enroll in Precalculus or Honors Precalculus.

**Prerequisites:** Algebra II

**0238 PRECALCULUS**

10 Credits

**Description:** Students will investigate functions, conic sections, and trigonometry through an algebraic, analytical, numerical, and graphical approach, including mathematical modeling for real-world application.

**Prerequisites:** Algebra II

**0239 HONORS PRECALCULUS**

10 Credits

**Description:** Students will investigate functions, conic sections, and trigonometry through an algebraic, analytical, numerical, and graphical approach, including mathematical modeling for real-world application. This course will go into greater depth than Precalculus and is recommended for students who plan to pursue Advanced Placement<sup>®</sup> or International Baccalaureate<sup>®</sup> mathematics classes.

**Prerequisites:** Honors Algebra II

**0243 ADVANCED PLACEMENT<sup>®</sup> STATISTICS**

10 Credits

**Description:** Students will learn a variety of statistical concepts including exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Completion of this course will prepare students to take the Advanced Placement<sup>®</sup> Statistics exam.

**Prerequisites:** Algebra II

**0249 CALCULUS II AND ADVANCED TOPICS**

10 Credits

**Description:** Students will review Advanced Placement<sup>®</sup> Calculus AB topics and study the additional AP Calculus BC topics in greater depth. Advanced topics will also include various concepts from Calculus III, Discrete Mathematics, and Linear Algebra. Completion of this course will prepare students to take the Advanced Placement<sup>®</sup> Calculus BC exam.

**Prerequisites:** Advanced Placement<sup>®</sup> Calculus AB

**0252 ADVANCED PLACEMENT<sup>®</sup> CALCULUS AB**

10 Credits

**Description:** Advanced Placement<sup>®</sup> Calculus AB is a course in single variable calculus that includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. Algebraic, numerical, and graphical representations are emphasized throughout the course. Completion of this course will prepare students to take the Advanced Placement<sup>®</sup> Calculus AB exam.

**Prerequisites:** Precalculus or Honors Precalculus

**0253 ADVANCED PLACEMENT<sup>®</sup> CALCULUS BC**

10 Credits

**Description:** Advanced Placement<sup>®</sup> Calculus BC is a course in single variable calculus that includes all the topics of Advanced Placement<sup>®</sup> Calculus AB plus additional topics in differential and integral calculus (including parametric, polar, and vector functions) and series. Algebraic, numerical, and graphical representations are emphasized throughout the course. Completion of this course will prepare students to take the Advanced Placement<sup>®</sup> Calculus BC exam.

**Prerequisites:** Honors Precalculus

**0254 CALCULUS III/DIFFERENTIAL EQUATIONS**

10 Credits

**Description:** Calculus III/Differential Equations is a course investigating calculus topics including (but not limited to) vector analysis, partial differentiation, multiple integration, and functions of several variables. The differential equations portion of the course will focus primarily on (but not limited to) ordinary differential equations, solutions by series, Laplace transformations, and applications. This course provides a weighted grade as it exceeds Advanced Placement<sup>®</sup> Calculus level courses. Course offering is dependent upon instructor availability; students may need to arrange schedule to attend available instructor's assigned high school for this course.

**Prerequisites:** Advanced Placement<sup>®</sup> Calculus BC

**0245 IB MATHEMATICS HL I** **11** **North only** 10 credits

**Description:** Students with excellent mathematics abilities will study differential and integral calculus. This is the first course in a two-year sequence culminating with the IB HL Mathematics test during the spring of a student's senior year.

**Prerequisites:** Honors Precalculus

**0246 IB MATHEMATICS HL II** **12** **North only** 10 credits

**Description:** Students who have successfully completed Mathematics HL I will engage further with proofs, vectors, probability, statistics, trigonometry, complex numbers, and calculus. This is the second course in a two-year sequence culminating with the IB HL Mathematics test.

**Prerequisites:** IB Mathematics HL I

**0247 IB MATHEMATICAL STUDIES SL** **11-12** **North only** 10 credits

**Description:** Students pursuing non-math intensive fields will concentrate on advanced mathematics topics such as numbers and algebra, sets and logic, geometry and trigonometry, functions, financial mathematics, calculus, statistics, and probability. This course is designed for students who intend to take the IB SL Mathematics test.

**Prerequisites:** Algebra II or Honors Algebra II

**0248 IB MATHEMATICS SL** **11-12** **North only** 10 credits

**Description:** Students will engage in a rigorous study of matrices, vectors, probability, statistics, complex numbers and calculus. Mathematics SL is intended for students with strong mathematics abilities.

**Prerequisites:** Honors Precalculus

**0268 IB MATHEMATICS ANALYSIS & APPROACHES HL I** **11** **North only** 10 credits

**Description:** This is the first course in a two-year sequence culminating with the *Analysis & Approaches HL* exam in May of the student's senior year. This course is appropriate for students with excellent mathematics abilities who will enjoy becoming fluent in the construction of mathematical arguments and developing strong skills in mathematical thinking. They will also explore real and abstract applications of these ideas, with and without the use of technology. Students who take *Analysis & Approaches HL* will be those who enjoy the thrill of mathematical problem solving and generalization. This course is most appropriate for students who will go on to study college subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or quantitative economics, for example. There is an emphasis in this course on calculus and on algebraic, graphical, and numerical approaches.

**Prerequisites:** Honors Precalculus

**0269 IB MATHEMATICS ANALYSIS & APPROACHES HL II** **12** **North only** 10 credits

**Description:** Students who have successfully completed *Analysis & Approaches HL I* will continue developing fluency in the construction of mathematical arguments and developing strong skills in mathematical thinking. They will continue exploring real and abstract applications of these ideas, with and without the use of technology. Students who take *Analysis & Approaches HL* will be those who enjoy the thrill of mathematical problem solving and generalization. This course is most appropriate for students who will go on to study college subjects with substantial mathematics content such as mathematics itself, engineering, physical sciences, or quantitative economics, for example. There is an emphasis in this course on calculus and on algebraic, graphical, and numerical approaches. This is the second course in a two-year sequence culminating with the *Analysis & Approaches HL* exam in May.

**Prerequisites:** IB Mathematics Analysis & Approaches HL I

**0270 IB MATHEMATICS APPLICATIONS & INTERPRETATION HL I** **11** **North only** 10 credits

**Description:** This is the first course in a two-year sequence culminating with the *Applications & Interpretation HL* exam in May of the student's senior year. This course is appropriate for students with strong mathematics abilities who are interested in describing our world mathematically and solving practical problems. They will also be interested in harnessing the power of technology while exploring mathematical models. Students who take *Applications & Interpretation HL* will be those who enjoy mathematics best when seen in a practical context. This course is most appropriate for students who will go on to study college subjects like social sciences, natural sciences, statistics, business, economics, psychology, and design, for example. This course emphasizes the applied nature of mathematics, and that interpretation of results in context is important.

**Prerequisites:** Honors Precalculus

**0271 IB MATHEMATICS APPLICATIONS & INTERPRETATION HL II 12 North only 10 credits**

**Description:** Students who have successfully completed *Applications & Interpretation HL I* will engage further with describing our world mathematically and solving practical problems. They will also be interested in harnessing the power of technology while exploring mathematical models. Students who take *Applications & Interpretation HL* will be those who enjoy mathematics best when seen in a practical context. This course is most appropriate for students who will go on to study college subjects like social sciences, natural sciences, statistics, business, economics, psychology, and design, for example. This course emphasizes the applied nature of mathematics, and that interpretation of results in context is important. This is the second course in a two-year sequence culminating with the *Applications & Interpretation HL* exam in May.

**Prerequisites:** IB Mathematics Applications & Interpretation HL I

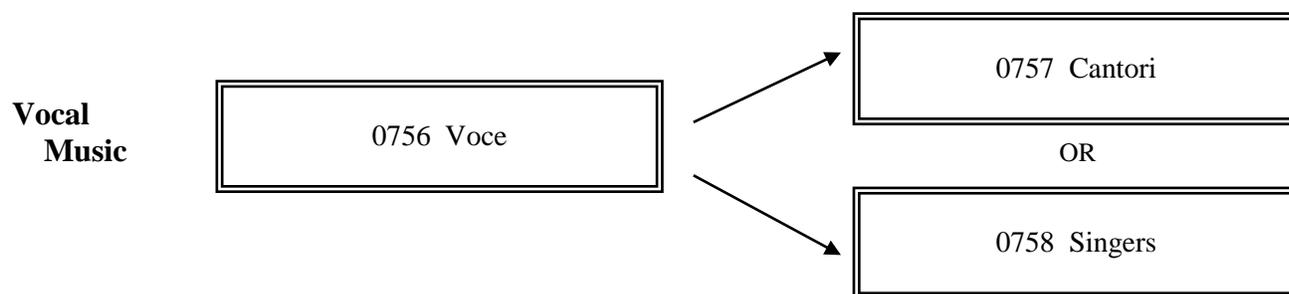
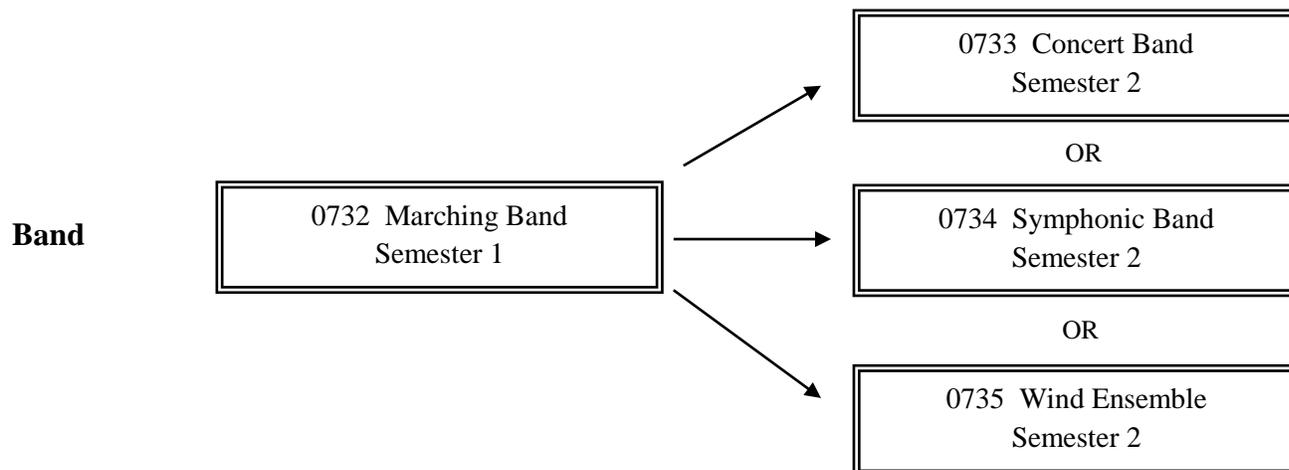
**0272 IB MATHEMATICS APPLICATIONS & INTERPRETATION SL 11 or 12 North only 10 credits**

**Description:** This course is appropriate for students who are interested in describing our world mathematically and solving practical problems. They will also be interested in harnessing the power of technology while exploring mathematical models. Students who take *Applications & Interpretation SL* will be those who enjoy mathematics best when seen in a practical context. This course is most appropriate for students who will go on to study college subjects like social sciences, natural sciences, statistics, business, economics, psychology, and design, for example. This course emphasizes the applied nature of mathematics, and that interpretation of results in context is important.

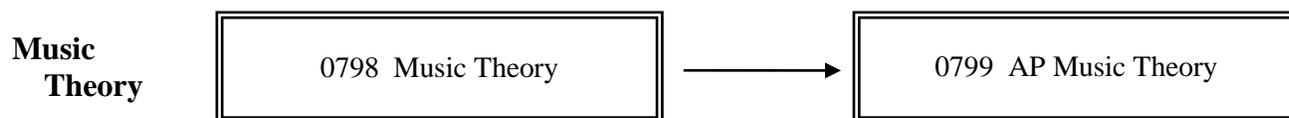
**Prerequisites:** Algebra II

# MUSIC

## Performance Courses



## Non-Performance Courses



## MUSIC

| Course       | Course Name             | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|--------------|-------------------------|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>MUSIC</b> |                         |         |       |                        |               |          |                     |                   |                   |                  |
| 0732         | Marching Band           | 5       |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0733         | Concert Band            | 5       |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0734         | Symphonic Band          | 5       |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0735         | Wind Ensemble           | 5       |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0736 A/B     | Philharmonic Orchestra  | 10      |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0737 A/B     | Symphony Orchestra      | 10      |       | F                      | 0736†         |          |                     | •                 | •                 | •                |
| 0756 A/B     | Voce                    | 10      |       | F                      |               |          |                     | •                 | •                 | •                |
| 0757 A/B     | Cantori                 | 10      |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0758 A/B     | Singers                 | 10      |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0746         | Contemporary Ensemble   | 5       |       | F                      |               |          |                     | •                 | •                 | •                |
| 0798         | Music Theory            | 5       |       | F                      |               |          |                     | •                 | •                 | •                |
| 0799         | AP Music Theory         | 5       |       |                        | 0798          |          |                     | •                 | •                 | •                |
| 0747         | Music Connections       | 5       |       | F                      |               |          |                     | •                 | •                 | •                |
| 0767 A/B     | IB Music SL - Band      | 10      | 11-12 | F                      | †             |          |                     | •                 |                   |                  |
| 0769 A/B     | IB Music SL - Orchestra | 10      | 11-12 | F                      | †             |          |                     | •                 |                   |                  |

F = Fulfills Fine and Performing Arts Graduation Requirement

† = See course descriptions for additional requirements.

Students may be asked to provide specialized attire or to make a donation in these courses in compliance with Rule 6750.1. Students who qualify for free and reduced waivers should discuss cost or instrument needs with their instructors.

## MUSIC

### 0732 MARCHING BAND

5 Credits

**Description:** This course is for all ninth, tenth, eleventh, and twelfth grade students who play a band instrument and have an interest in band music literature. All students registered for Marching Band are required to participate in either Concert Band, Symphonic Band, or Wind Ensemble during second semester based on auditions. This course will include concerts outside of the school day.

**Prerequisites:** Successful completion of the previous year Band course or qualifying audition with the band director.

### 0733 CONCERT BAND

5 Credits (15 at WHS)

**Description:** This course is for all ninth, tenth, eleventh, and twelfth grade students who play a band instrument and have an interest in progressing band music literature. All students registered for Concert Band are required to participate in Marching Band and Pep Band. This course will include concerts outside of the school day.

**Prerequisites:** Successful completion of the previous year Band course or qualifying audition with the band director.

All Music courses can fulfill the Fine and Performing Arts Graduation Requirement.

**0734 SYMPHONIC BAND**

5 Credits (15 at WHS)

**Description:** This course is for all ninth, tenth, eleventh, and twelfth grade students who play a band instrument and have an interest in advancing band music literature. All students registered for Symphonic Band are required to participate in Marching Band and Pep Band. This course will include concerts outside of the school day.

**Prerequisites:** Successful completion of the previous year Band course or qualifying audition with the band director.

**0735 WIND ENSEMBLE**

5 Credits (10 at WHS)

**Description:** This course is for all ninth, tenth, eleventh, and twelfth grade students who play a band instrument and have an interest in advanced music literature. All students registered for Wind Ensemble are required to participate in Marching Band and Pep Band. This course will include concerts outside of the school day.

**Prerequisites:** Successful completion of the previous year Band course or qualifying audition with the band director.

**0736 PHILHARMONIC ORCHESTRA**

10 Credits (20 at WHS)

**Description:** Philharmonic Orchestra is geared for ninth grade ensemble which emphasizes fundamental skills that prepare students for Symphony Orchestra. Students will have opportunities for large ensemble, chamber music, and solo performances as part of a rigorous curriculum that develops artistry. Freshmen are encouraged to audition for special ensembles within the department. Instruction is differentiated to involve and challenge all students. Orchestra students will be asked to provide performance appropriate clothing and their instrument (some school instruments available for rental). This course will include concerts outside of the school day.

**Prerequisites:** Successful completion of eighth grade orchestra or recommendation of instructor.

**0737 SYMPHONY ORCHESTRA**

10 Credits (20 at WHS)

**Description:** This orchestra continues the momentum built in Philharmonic Orchestra with great classical, pop, and jazz repertoire. A three year rotated cycle of study provides advanced skill development and keeps the orchestra fresh each year. Following Marching Band season, the string orchestra will be joined by wind, brass, and percussion players selected from the bands to form the full orchestra. Students will have opportunities for chamber music, conducting, solo performances, and participation in honor groups, contests, studio orchestra (jazz and pop), and chamber orchestra (by audition). Students will play for the director the previous year to determine proper placement in this group. This course will include concerts outside of the school day.

**Prerequisites:** Successful completion of Philharmonic Orchestra or recommendation of instructor.

**0756 VOCE**

10 Credits (20 at WHS)

**Description:** This course is designed for any student who wants to sing. No experience necessary. Emphasis will be placed on developing basic vocal techniques and rehearsing skills, music literacy, and appropriate performance practice. Musical repertoire will range from Pop and Broadway to choral master works including sacred and secular texts. Emphasis will focus on developing vocal skills, choral rehearsal techniques, music literacy, and performing technique. This course will include concerts outside of the school day.

**Prerequisites:** None. Audition is NOT required for this class.

**0757 CANTORI**

10 Credits (20 at WHS)

**Description:** This is a course for students wanting to experience singing and performing in a large choral ensemble. Musical repertoire will range from Pop and Broadway to choral master works including sacred and secular texts. Emphasis will focus on developing vocal skills, choral rehearsal techniques, music literacy, and performing technique. This course will include concerts outside of the school day.

**Prerequisites:** Successful audition required for membership in class. Ensemble placement is based upon score of audition rubric.

**0758 SINGERS**

10 Credits (20 at WHS)

**Description:** This is a select mixed chorus designed for students who want to experience singing in a large ensemble. Emphasis will focus on advanced vocal technique and choral rehearsal skills, music literacy and sacred and secular texts. This is a yearlong class and will include concerts outside of the school day.

**Prerequisites:** Successful audition required for membership in class. Ensemble placement is based upon score of audition rubric.

All Music courses can fulfill the Fine and Performing Arts Graduation Requirement.

**0746 CONTEMPORARY ENSEMBLE****North and South** 5 Credits

**Description:** Contemporary Music Ensemble is a course for students to explore music with more modern ensemble settings. The focus of this class will be to advance any skills the students already possess and focus on improvisation and composition. Students will improvise and compose music with the aid of electronic devices. Students will work in groups and alone to write, arrange, and share their work.

**Prerequisites:** None. This is a non-performance course.

**0747 MUSIC CONNECTIONS**

5 Credits

**Description:** In this course, students will learn about music connections by completing projects based on students' interest. Students will have the chance to explore careers in music, history and culture, styles and genres, connections with other disciplines, and evaluate and analyze music. Project based learning will occur varying from creating your own music video to discovering other musical opportunities.

**Prerequisites:** None. This is a non-performance course.

**0767 IB MUSIC SL BAND****11-12****North only**

10 Credits

**Description:** This course will offer insights into melody, rhythm, intervals, triads, harmony, notation, ear training, and music history. It will also include an intense study of music theory, literature, international cultural studies, history, composition, and performance. This course will include concerts outside of the school day. (Band performance for IB credit)

**Prerequisites:** Successful completion of Band in both 9<sup>th</sup> and 10<sup>th</sup> grades and music theory assessment.

**0769 IB MUSIC SL ORCHESTRA****11-12****North only**

10 Credits

**Description:** This course will offer insights into melody, rhythm, intervals, triads, harmony, notation, ear training, and music history. It will also include an intense study of music theory, literature, international cultural studies, history, composition, and performance. This course will include concerts outside of the school day. (Orchestra performance for IB credit)

**Prerequisites:** Successful completion of Orchestra in both 9<sup>th</sup> and 10<sup>th</sup> grades and music theory assessment.

**0798 MUSIC THEORY**

5 Credits

**Description:** A course which offers students insights into music with respect to melody, rhythm, intervals, triads, harmony, notation, ear training, and history. There will be a brief introduction to music history as it relates to music theory. This course is designed to educate students who wish to better understand the elements of music, with the aid of music technology.

**Prerequisites:** Previous musical experience is not required, but may be beneficial.

**0799 ADVANCED PLACEMENT<sup>®</sup> MUSIC THEORY**

5 Credits

**Description:** This course is an intense study of music theory, critical analysis of literature, history, and composition, with emphasis on individual student composition project and use of music technology. Students should have a strong background in music theory. Completion of this course will prepare students to take the Advanced Placement<sup>®</sup> Music Theory exam.

**Prerequisites:** Successful completion of Music Theory and/or permission of the Instructor.

All Music courses can fulfill the Fine and Performing Arts Graduation Requirement.

## PHYSICAL EDUCATION

The Physical Education requirement for graduation is 15 credit hours. The courses listed below are all the offerings in Physical Education, with each course worth 5 credits. In order for students to experience diverse physical activities, each Physical Education course may be taken only once to meet the required 15 credits towards graduation.

Once the 15 credits towards graduation are completed, Cross Training II, Weight Training and Conditioning II, Aquatics, and Advanced Performance may be repeated for elective credit (pending available space).

| <b>9th Grade Offerings</b> |                          |      |                                      |
|----------------------------|--------------------------|------|--------------------------------------|
| 0800                       | Sport Skills and Fitness | 0810 | Aquatics                             |
| 0801                       | Cross Training I         | 0814 | Athletic Training and Sports Injury* |
| 0802                       | Cross Training II        | 0816 | Advanced Performance                 |
| 0808                       | Introduction to Aquatics | 0817 | Sport Officiating                    |

| <b>10th Grade Offerings</b> |                                     |      |                                      |
|-----------------------------|-------------------------------------|------|--------------------------------------|
| 0800                        | Sport Skills and Fitness            | 0809 | Lifeguard Training                   |
| 0801                        | Cross Training I                    | 0810 | Aquatics                             |
| 0802                        | Cross Training II                   | 0814 | Athletic Training and Sports Injury* |
| 0805                        | Weight Training and Conditioning I  | 0816 | Advanced Performance                 |
| 0806                        | Weight Training and Conditioning II | 0817 | Sport Officiating                    |
| 0808                        | Introduction to Aquatics            |      |                                      |

| <b>11th &amp; 12th Grade Offerings</b> |                                     |      |   |
|--|-------------------------------------|------|---|
| 0800                                   | Sport Skills and Fitness            | 0809 | Lifeguard Training                                |
| 0801                                   | Cross Training I                    | 0810 | Aquatics  |
| 0802                                   | Cross Training II                   | 0814 | Athletic Training and Sports Injury*              |
| 0803                                   | Lifetime Fitness                    | 0815 | Athletic Training and Sports Injuries Internship* |
| 0805                                   | Weight Training and Conditioning I  | 0816 | Advanced Performance                              |
| 0806                                   | Weight Training and Conditioning II | 0817 | Sport Officiating                                 |
| 0808                                   | Introduction to Aquatics            |      |   |

**\*elective credit only**

## PHYSICAL EDUCATION

| Course                    | Course Name                                      | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|---------------------------|--|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>PHYSICAL EDUCATION</b> |  |         |       |                        |               |          |                     |                   |                   |                  |
| 0800                      | Sport Skills and Fitness                         | 5       |       | PE                     |               |          | •                   | •                 | •                 | •                |
| 0801                      | Cross Training I                                 | 5       |       | PE                     |               |          | •                   | •                 | •                 | •                |
| 0802                      | Cross Training II                                | 5       |       | PE                     | 0801          |          | •                   | •                 | •                 | •                |
| 0803                      | Lifetime Fitness                                 | 5       | 11-12 | PE                     |               |          | •                   | •                 | •                 | •                |
| 0805                      | Weight Training and Conditioning I               | 5       | 10-12 | PE                     |               |          | •                   | •                 | •                 | •                |
| 0806                      | Weight Training and Conditioning II              | 5       | 10-12 | PE                     | 0805          |          | •                   | •                 | •                 | •                |
| 0808                      | Introduction to Aquatics                         | 5       |       | PE                     | †             |          |                     | •                 | •                 | •                |
| 0809                      | Lifeguard Training                               | 5       | 10-12 | PE                     | †             |          |                     | •                 | •                 | •                |
| 0810                      | Aquatics   | 5       |       | PE                     | †             |          |                     | •                 | •                 | •                |
| 0814                      | Athletic Training and Sports Injury              | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0815 A/B                  | Athletic Training and Sports Injuries Internship | 10      | 11-12 |                        | †             |          |                     | •                 | •                 | •                |
| 0816                      | Advanced Performance                             | 5       |       | PE                     | †             |          |                     | •                 | •                 | •                |
| 0817                      | Sport Officiating                                | 5       |       | PE                     | 0800 or 0803  |          |                     | •                 | •                 | •                |

PE = Fulfills Physical Education Graduation Requirement

† = See course descriptions for additional requirements.

### PHYSICAL EDUCATION

Students provide athletic shoes, sweatpants or shorts, t-shirt or sweatshirt, and cold weather attire as needed.

#### 0800 SPORT SKILLS AND FITNESS

5 Credits

**Description:** Students will engage in lifelong individual/team activities while learning about the importance of fitness, nutrition, and exercise. Class activities last between five to ten class periods. This course fulfills the Physical Education Graduation Requirement.

**Prerequisites:** None

Activities:

- |                 |                                    |
|-----------------|------------------------------------|
| 1. Basketball   | 6. Tennis                          |
| 2. Badminton    | 7. Cooperative Games/Team Building |
| 3. Volleyball   | 8. Softball                        |
| 4. Soccer       | 9. Football                        |
| 5. Floor Hockey | 10. Fitness Knowledge/FitnessGram  |

Optional Enrichment Activities:

1. Swimming/Aquatic activities (Pending instructor American Red Cross certification and pool availability)

**0801 CROSS TRAINING I**

5 Credits

**Description:** Students will learn about nutrition and fitness lifestyle concepts, while participating in aerobic/anaerobic exercise. These activities use continuous movement for a determined amount of time. This course fulfills the Physical Education Graduation Requirement.

**Prerequisites:** None

Activities:

- |                                    |                                 |
|------------------------------------|---------------------------------|
| 1. Muscular Strength and Endurance | 4. Flexibility                  |
| 2. Cardiorespiratory Endurance     | 5. Literature in Healthy Living |
| 3. Skill-related Fitness           | 6. Movement Patterns            |

Optional Enrichment Activities:

1. Core strengthening activities
2. Swimming/Aquatic activities (Pending instructor American Red Cross certification and pool availability)

**0802 CROSS TRAINING II**

5 Credits

**Description:** Students will build and expand their knowledge based on the learning experience gained from Cross Training I. This course fulfills the Physical Education Graduation Requirement.

**Prerequisites:** Cross Training I. Cross Training II may be repeated for elective credit after the required 15 credit Physical Education Graduation Requirement has been met and space is available.

Activities:

- |                                    |                                 |
|------------------------------------|---------------------------------|
| 1. Muscular Strength and Endurance | 4. Flexibility                  |
| 2. Cardiorespiratory Endurance     | 5. Literature in Healthy Living |
| 3. Skill-related Fitness           | 6. Movement Patterns            |

Optional Enrichment Activities:

1. Core strengthening activities
2. Swimming/Aquatic activities (Pending instructor American Red Cross certification and pool availability)

**0803 LIFETIME FITNESS**

11-12

5 Credits

**Description:** Each student will develop a personal fitness and wellness plan while learning skills necessary to participate in leisure-type activities. These experiences will make the student aware of the importance of nutrition and exercise in achieving a healthy lifestyle. Lifestyle fitness concepts will be taught in the classroom on an alternating basis along with lifetime sport activities. This course fulfills the Physical Education Graduation Requirement.

**Prerequisites:** None

Activities:

- |                     |                                     |
|---------------------|-------------------------------------|
| 1. Badminton        | 8. Softball                         |
| 2. Tennis           | 9. Wellness Activities              |
| 3. Fitness Exercise | 10. Pickleball                      |
| 4. Soccer           | 11. Flag Football/Ultimate Football |
| 5. Ultimate Frisbee | 12. Fitness Knowledge/FitnessGram   |
| 6. Basketball       | 13. Nutrition                       |
| 7. Volleyball       |                                     |

Optional Enrichment Activities: Off campus experiences only with permission from the building principal

- |  |                    |
|--|--------------------|
| 1. Frisbee Golf  | 8. Bowling         |
| 2. Roller Skating/Laser Runner   | 9. Roller Hockey   |
| 3. Floor Hockey  | 10. Ice Skating    |
| 4. Rock Climbing/Rappelling  | 11. Batting Cages  |
| 5. Ping Pong   | 12. Guest Speakers |
| 6. Fitness/Health Centers/Weight Room  |                    |
| 7. Swimming/Aquatic activities (Pending instructor American Red Cross certification and pool availability) |                    |

**0805 WEIGHT TRAINING AND CONDITIONING I****10-12**

5 Credits

**Description:** Students will be introduced to weight training. Emphasis will be placed on safety, introduction of proper lifting techniques, establishing workout routines and record keeping while lifting appropriate loads and doing conditioning activities. Both free weights and universal gym weights will be used. This course fulfills the Physical Education Graduation Requirement. Enrollment is limited to one semester.

**Prerequisites:** None

Activities:

- |  |   |
|--|---|
| 1. Introduce weight lifting exercises                  | 6. Use free weights and universal gym weights |
| 2. Introduce and develop proper lifting techniques     | 7. Conditioning activities                    |
| 3. Introduce and establish workout routines            | 8. Fitness Knowledge/FitnessGram              |
| 4. Introduce physiological and kinesiological concepts | 9. Nutrition                                  |
| 5. Introduce weight training principles                |   |

**0806 WEIGHT TRAINING AND CONDITIONING II****10-12**

5 Credits

**Description:** Students will expand on learning experiences gained from Weight Training & Conditioning I. This course fulfills the Physical Education Graduation Requirement.

**Prerequisites:** Weight Training & Conditioning I. Weight Training & Conditioning II may be repeated for elective credit after the required 15 credit Physical Education Graduation Requirement has been met and space is available.

Activities:

- |  |   |
|--|---|
| 1. Introduce advanced weight lifting exercises           | 5. Apply advanced weight training principles  |
| 2. Improve on proper lifting techniques                  | 6. Use free weights and universal gym weights |
| 3. Develop, assess, and select advanced workout routines | 7. Conditioning activities                    |
| 4. Apply physiological and kinesiological concepts       | 8. Fitness Knowledge/FitnessGram              |
|  | 9. Nutrition                                  |

**0808 INTRODUCTION TO AQUATICS**

5 Credits

**Description:** Students who are novice swimmers will further develop basic swimming strokes and water safety skills. This course fulfills the Physical Education Graduation Requirement.

**Prerequisites:** Students are required to furnish their own towels and swim suits. They should have the ability to dive into deep water. Students should be able to swim the length of the pool non-stop using the crawl stroke, breast stroke, or back stroke.

Activities:

- |                                      |                   |
|--------------------------------------|-------------------|
| 1. Basic Water Safety Skills         | 4. Water Sports   |
| 2. Basic Swimming Strokes and Skills | 5. Water Aerobics |
| 3. Community Water Safety            | 6. Nutrition      |

**0809 LIFEGUARD TRAINING****10-12**

5 Credits

**Description:** Students who are advanced swimmers will follow the program designed by the American Red Cross. Students who successfully complete this class may qualify to receive the Red Cross Certification in Lifeguard Training, First Aid & CPR for the Professional Rescuer. This course fulfills the Physical Education Graduation Requirement.

**Prerequisites:** Aquatics. Students are required to furnish their own towels, swim suit, and CPR mouth guards (BOE Rule 6750.1); be 15 years of age on or before the beginning of the course, swim 500 yards continuously demonstrating breath control and rhythmic breathing. Candidates may swim using the front crawl, breaststroke, or a combination of both, but swimming on the back or side is not allowed. Swim goggles may be used. Candidates need to also tread water for two minutes, using only the legs and should place their hands under the armpits. Candidates need to also complete a timed event within 1 minute and 40 seconds:

- Starting in the water, swim 20 yards. Swim goggles are not allowed.
- Surface dive, feet-first or head-first, to a depth of 7-10 feet to retrieve a 10-pound object.
- Return to the surface and swim 20 yards on the back to return to the starting point with both hands holding the object and keeping the face at or near the surface so they are able to get a breath.
- Exit the water without using a ladder or steps.

Activities:

- |                       |                      |
|-----------------------|----------------------|
| 1. Advanced Swimming  | 3. Water Safety      |
| 2. Lifeguard Training | 4. First Aid and CPR |

**0810 AQUATICS**

5 Credits

**Description:** Students who are advanced swimmers will learn the benefits of fitness swimming and its effect on lifetime health. Major emphasis will be on safety, hydrodynamics and fitness concepts. This course fulfills the Physical Education Graduation Requirement.

**Prerequisites:** Students must be able to swim 500 yards continuously using the crawl stroke, backstroke and breaststroke in any combination. Students are required to furnish their own towels and swim suits. Aquatics may be repeated for elective credit after the required 15 credit Physical Education Graduation Requirement has been met and space is available.

Activities:

- |                                |                           |
|--------------------------------|---------------------------|
| 1. Fitness Programming         | 5. Water Aerobics         |
| 2. Training Concepts           | 6. Community Water Safety |
| 3. Hydrodynamic Concepts       | 7. Community CPR          |
| 4. Fitness Swimming Activities | 8. Nutrition              |

**0814 ATHLETIC TRAINING AND SPORTS INJURY**

5 Credits

**Description:** Students will learn about athletic training and the health care of the athlete. The primary focus of study will revolve around the prevention, recognition, treatment, and rehabilitation of injuries caused during physical activity or athletics. Basic knowledge of anatomy and physiology, emergency first aid, and the discussion of a variety of athletic injuries will be discussed in the traditional classroom format. In addition, students will gain hands-on experience in laboratory activities that include taping techniques, splinting methods, the use and principles of common modalities used to treat athletic injuries, as well as basic principles applied in the rehabilitation of injuries. **This course is for elective credit only and does not fulfill the 15-credit Physical Education Graduation Requirement.**

**Prerequisites:** None

**0815 ATHLETIC TRAINING AND SPORTS INJURIES INTERNSHIP**

11-12

10 Credits

**Description:** The Athletic Training and Sports Injuries Internship is designed as a mutually beneficial experience for Millard Athletic Training students and the high school. Athletic Training students volunteer their athletic training and first aid skills as support to a variety of sports activities. This coordination would take place with the head athletic trainer and various sports teams/organizations. The experience would enhance the athletic training students' skills while providing an important health care service. Students will be required to complete 80 hours of community service (within and/or out of school.) This course may be offered for Dual Enrollment (college credit) through UNO. **This course is for elective credit only and does not fulfill the 15-credit Physical Education Graduation Requirement.**

**Prerequisites:** Athletic Training and Sports Injury; students are required to be actively involved in the Student Athletic Trainer program while enrolled in this course.

**0816 ADVANCED PERFORMANCE**

5 Credits

**Description:** Designed for the highly motivated student interested in advanced performance training, this class will help build potential health and fitness career opportunities and knowledge of those careers. Focus is on incorporating intense training techniques, nutrition, goal setting, and research in the area of exercise science. Students will also participate in FitnessGram and develop a fitness and wellness plan. This course fulfills the Physical Education Graduation Requirement.

**Prerequisites:** Weight Training & Conditioning II or Cross Training II. Advanced Performance may be repeated for elective credit after the required 15 credit Physical Education Graduation Requirement has been met and space is available.

**0817 SPORT OFFICIATING**

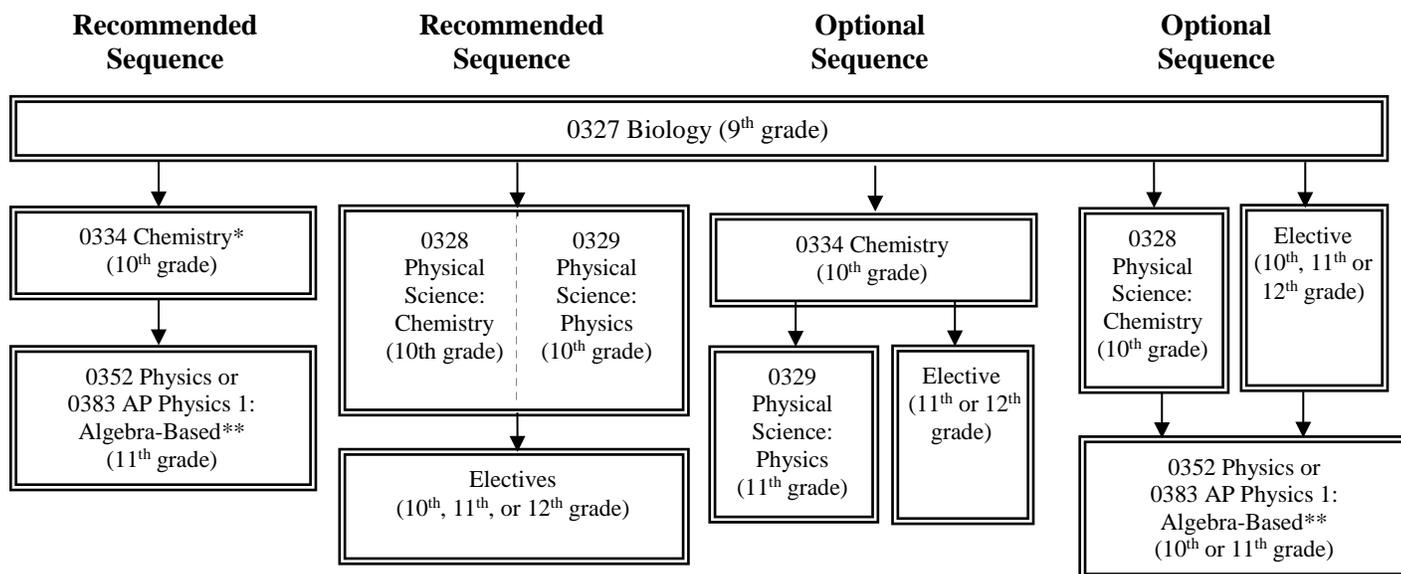
5 Credits

**Description:** Students will gain the knowledge and experience necessary to become an official in a variety of major sports including, but not limited to, basketball, football, volleyball, baseball, softball, and soccer. Coursework will include classroom activities, exercise, field experiences, guest speakers, and video lessons. Upon successful completion of this course, students interested in employment with youth organizations or the NSAA may pursue these activities at their own discretion. Students will participate in FitnessGram. This course fulfills the Physical Education Graduation Requirement.

**Prerequisites:** Sport Skills and Fitness or Lifetime Fitness

## SCIENCE

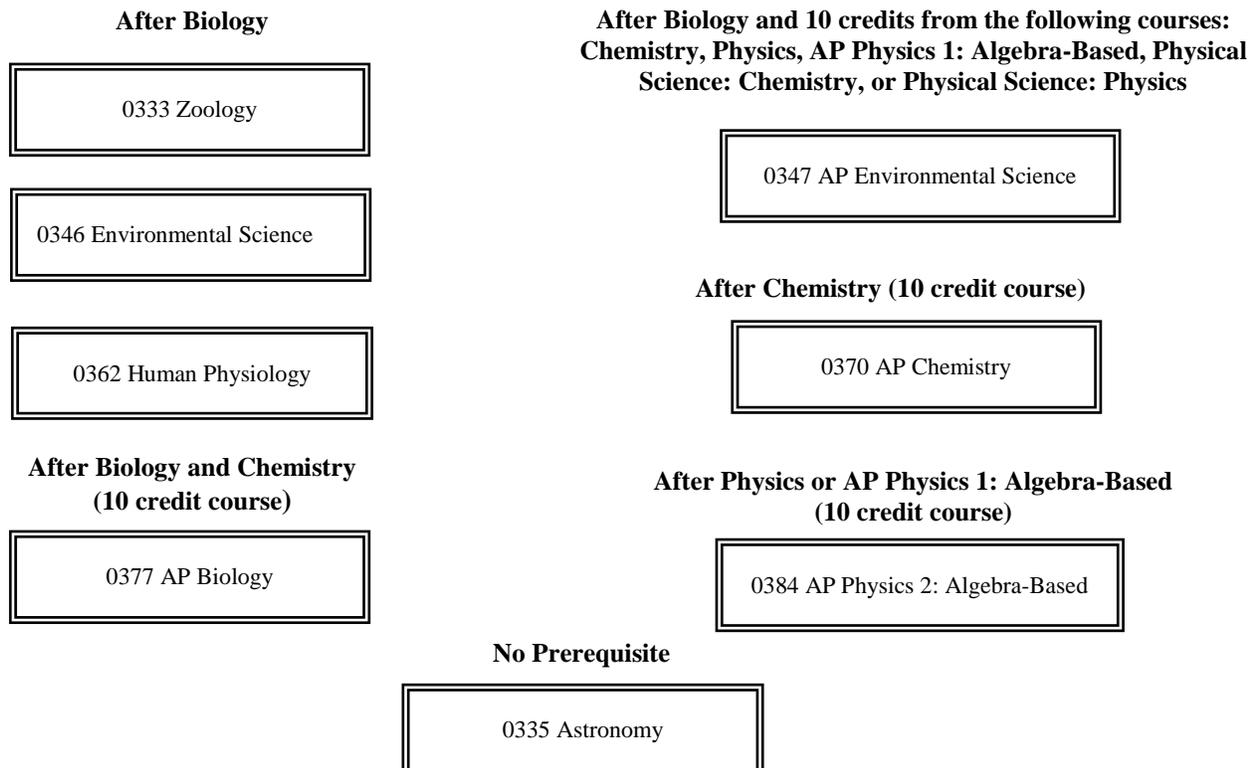
Required science courses: Follow one of the sequences depicted below.



\*When taking Chemistry (0334) students must successfully complete the entire course. If 0334 Chemistry is dropped, a student will need to enroll in 0328 Physical Science: Chemistry.

\*\*When taking Physics (0352) or AP Physics 1: Algebra-Based (0383) students must successfully complete the entire course. If 0352 Physics or 0383 AP Physics 1: Algebra-Based is dropped, a student will need to enroll in 0329 Physical Science: Physics.

Science electives: May be taken after the specified prerequisites listed below.



## SCIENCE

All students must successfully complete 30 credits of science in order to meet the minimum graduation requirements.

| Course         | Course Name                                 | Credits | Grade | Graduation Requirement | Prerequisites          | ACT Core | Horizon High School | North High School | South High School | West High School |
|----------------|---|---------|-------|------------------------|------------------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>SCIENCE</b> |   |         |       |                        |                        |          |                     |                   |                   |                  |
| 0321 A/B       | Introduction to IB Chemistry and IB Physics | 10      | 10    | C, P                   | 0327                   | •        |                     | •                 |                   |                  |
| 0327 A/B       | Biology                                     | 10      | 9     |                        |                        | •        | •                   | •                 | •                 | •                |
| 0328           | Physical Science: Chemistry                 | 5       | 10-11 | C                      | 0327                   | •        | •                   | •                 | •                 | •                |
| 0329           | Physical Science: Physics                   | 5       | 10-11 | P                      | 0327                   | •        | •                   | •                 | •                 | •                |
| 0333           | Zoology                                     | 5       |       |                        | 0327                   | •        | •                   | •                 | •                 | •                |
| 0334 A/B       | Chemistry                                   | 10      |       | C                      | 0211, 0327             | •        | •                   | •                 | •                 | •                |
| 0335           | Astronomy                                   | 5       |       |                        |                        | •        | •                   | •                 | •                 | •                |
| 0346           | Environmental Science                       | 5       |       |                        | 0327                   | •        | •                   | •                 | •                 | •                |
| 0347 A/B       | AP Environmental Science                    | 10      |       |                        | 0327†                  | •        |                     | •                 | •                 | •                |
| 0352 A/B       | Physics                                     | 10      | 10-11 | P                      | 0231 or 0233†,<br>0327 | •        |                     | •                 | •                 | •                |
| 0362 A/B       | Human Physiology                            | 10      |       |                        | 0327                   | •        |                     | •                 | •                 | •                |
| 0370 A/B       | AP Chemistry                                | 10      |       |                        | 0231†                  | •        |                     | •                 | •                 | •                |
| 0371 A/B       | IB Chemistry HL I                           | 10      | 11    |                        | 0321†                  | •        |                     | •                 |                   |                  |
| 0372 A/B       | IB Chemistry HL II                          | 10      | 12    |                        | 0371                   | •        |                     | •                 |                   |                  |
| 0375 A/B       | IB Biology SL                               | 10      | 11-12 |                        | 0334                   | •        |                     | •                 |                   |                  |
| 0376 A/B       | IB Biology HL I                             | 10      | 11    |                        | 0334                   | •        |                     | •                 |                   |                  |
| 0377 A/B       | AP Biology                                  | 10      |       |                        | 0327, 0334             | •        |                     | •                 | •                 | •                |
| 0378 A/B       | IB Biology HL II                            | 10      | 12    |                        | 0376                   | •        |                     | •                 |                   |                  |
| 0383 A/B       | AP Physics 1: Algebra-Based                 | 10      | 10-12 | P                      | 0231 or 0233†,<br>0327 | •        |                     | •                 | •                 | •                |
| 0384 A/B       | AP Physics 2: Algebra-Based                 | 10      |       |                        | 0352 or 0383†          | •        |                     | •                 | •                 | •                |
| 0380 A/B       | IB Physics SL                               | 10      | 11-12 |                        | 0321†                  | •        |                     | •                 |                   |                  |
| 0381 A/B       | IB Physics HL I                             | 10      | 11    |                        | 0321†                  | •        |                     | •                 |                   |                  |
| 0382 A/B       | IB Physics HL II                            | 10      | 12    |                        | 0381                   | •        |                     | •                 |                   |                  |

† = See course descriptions for additional requirements

C = Fulfills the Chemistry Graduation Requirement

P = Fulfills the Physics Graduation Requirement

## SCIENCE

**0321 INTRODUCTION TO IB CHEMISTRY AND IB PHYSICS 10 North only 10 Credits**

**Description:** Introduction to IB Chemistry and IB Physics will offer the Pre-Diploma Programme student basic concepts taught in IB Chemistry and IB Physics. Students will be able to make informed decisions as to which IB courses (Chemistry or Physics) they will choose the following year. Chemistry and Physics topics will be taught in an integrated manner within this Millard Public Schools developed course. Laboratory work will emphasize open-ended questions, and students will design experiments to answer these questions. Evaluation of student work will be based on IB models.

**Prerequisites:** Biology. Student must be enrolled in the DP program.

**0327 BIOLOGY****9**

10 Credits

**Description:** Biology offers an opportunity to explore diversity and interdependence in our living world. This course provides a general overview of major biological topics including the cell, genetics, biochemistry and interdependence of organisms, and related Earth science concepts. Through inquiry, students develop a conceptual understanding of biology as they acquire important information and refine their laboratory skills.

**Prerequisites:** None

**0333 ZOOLOGY**

5 Credits

**Description:** Zoology is an opportunity for students to explore the animal kingdom. In this lab course, students will use scientific inquiry to observe the behavior and interaction of animals in their environments. In addition, students will examine the structure and function of animal systems through the dissection of preserved specimens.

**Prerequisites:** Biology

**0334 CHEMISTRY**

10 Credits

**Description:** In Chemistry, students develop a strong understanding of atomic structure, chemical properties, periodicity, and reactions while enhancing critical thinking and lab skills through hands-on experiences. In addition, related space science concepts are explored. This college preparatory class is beneficial for all students going to college, not just students planning to major in science.

**Prerequisites:** Algebra I (or concurrent enrollment in Algebra I/Geo: Foundations 2), and Biology

**0328 PHYSICAL SCIENCE: CHEMISTRY****10-11**

5 Credits

**Description:** In Physical Science: Chemistry, students explore traditional concepts of atomic structure, properties of matter, and interactions of matter, as well as related space science concepts, while enhancing critical thinking and lab skills through hands-on experiences.

**Prerequisites:** Biology

**0335 ASTRONOMY**

5 Credits

**Description:** This course offers an opportunity to explore various astronomy topics. Students will build their knowledge of the physical process that shaped the universe with emphasis on the development of an Earth Moon system, formation of the solar system, life cycles of stars, and Earth's space within the galaxy and universe. The goal of the course is to explore the universe and its development over time.

**Prerequisites:** None

**0346 ENVIRONMENTAL SCIENCE**

5 Credits

**Description:** This course will help students become aware of how they fit into the delicate balance of their environment. Students will analyze natural and human-made environmental problems, evaluate their risks and examine potential actions for preventing or solving these problems. Critical thinking, utilization of lab skills, and participation in hands-on experiences will be significant components of this course.

**Prerequisites:** Biology

**0352 PHYSICS****10-11**

10 Credits

**Description:** Students will investigate the physical world through hands-on, technology-based laboratory experiences that emphasize critical thinking and problem solving. This course will provide insight into topics of forces and motion, gravitation, heat, energy transformations, nuclear energy, electricity and magnetism, light, sound, and relevant Earth science concepts.

**Prerequisites:** Completion of or concurrent enrollment in Algebra II (or Algebra II: Foundations 4) and Biology

**0329 PHYSICAL SCIENCE: PHYSICS****10-11**

5 Credits

**Description:** In Physical Science: Physics, students use hands-on, technology-based laboratory experiences to explore and verify Newton's three laws of motion, universal forces, energy transformations, heat, sound, light, nuclear physics, and related Earth science concepts.

**Prerequisites:** Biology

**0347 ADVANCED PLACEMENT® ENVIRONMENTAL SCIENCE**

10 Credits

**Description:** In this course, students learn about the interrelationships of the natural world. Students analyze natural and human-made environmental problems, evaluate their risks, and examine potential solutions for preventing or solving these problems. Critical thinking is necessary in this course that includes a strong laboratory and field investigation component. Completion of this course will prepare students to take the Advanced Placement® Environmental Science exam.

**Prerequisites:** Biology and 10 credits from the following courses: Chemistry, Physics, Physical Science: Chemistry, or Physical Science: Physics

**0362 HUMAN PHYSIOLOGY**

10 Credits

**Description:** This course is an in-depth study of the structure and function of human body systems. Through inquiry, students will refine their laboratory skills and develop a conceptual understanding of the human body. Students will participate in dissection of preserved specimens, explore current health topics such as the cause and prevention of disease, acquire health occupational skills, and gain insight into various health and medical careers.

**Prerequisites:** Biology

**0370 ADVANCED PLACEMENT® CHEMISTRY**

10 Credits

**Description:** This course provides a rigorous, in-depth study centered around six big ideas: atomic structure of matter, chemical bonding and interactions, chemical and physical changes of matter, rates of chemical reaction, laws of thermodynamics, and equilibrium. Advanced inquiry and reasoning skills will be developed in this course, including intensive laboratory experiences. Advanced Placement® Chemistry is designed to be equivalent to college level general chemistry courses; therefore, student expectations and outcomes will be similar. Completion of this course will prepare students to take the Advanced Placement® Chemistry exam.

**Prerequisites:** Chemistry and completion or concurrent enrollment in Algebra II

**0371 IB CHEMISTRY HL I****11 North only** 10 Credits

**Description:** IB Chemistry HL I is the first year, grade 11, of a two-year sequence for IB students testing Higher Level. This course provides an in-depth study of the structure of matter (atomic theory, atomic structure, chemical bonding, nuclear chemistry), states of matter (gases, liquids, solids, solutions), and reactions (reaction types, stoichiometry, equilibrium, kinetics, thermodynamics). IB Chemistry HL I is designed to be equivalent to college level general chemistry courses; therefore, student expectations and outcomes will be similar. In addition to the traditional classroom format, students participate in an intensive laboratory experience and become familiar with current scientific literature.

**Prerequisites:** IB student needs completion or concurrent enrollment in Algebra II and Introduction to IB Chemistry and IB Physics in 10th grade.

**0372 IB CHEMISTRY HL II****12 North only** 10 Credits

**Description:** This course provides an in-depth study of organic chemistry. Subjects will include chemical bonding, homologous series, functional groups, hydrocarbons, various substitution reactions, various addition reactions, various elimination reactions, acid-base reactions, and human biochemistry. IB Chemistry HL II is designed to be similar to introductory first semester Organic Chemistry courses offered at colleges and universities, therefore student expectations and outcomes will be similar. In addition to the traditional classroom format, students participate in an intensive laboratory experience and become familiar with current scientific literature.

**Prerequisites:** IB Chemistry HL I

**0375 IB BIOLOGY SL****11-12 North only** 10 Credits

**Description:** This one-year course provides an in-depth study of the major concepts and themes in biology. The course is designed to prepare a student to take the IB Standard Level examination or the AP examination. Approximately 25% of class time will be devoted to laboratory experiences, which will be a component of the student's internal assessment for the course. In addition to lecture/discussion and laboratory, class time will be used for IB students to work on an interdisciplinary Group 4 project.

**Prerequisites:** Chemistry

**0376 IB BIOLOGY HL I****11 North only** 10 Credits

**Description:** This course provides an in-depth study of the major concepts and themes in biology. This course is the first year of the two-year course designed to prepare a student to take the IB Biology Higher Level examination. It is equivalent to a college level General Biology course. Approximately 25% of class time will be devoted to laboratory experiences that will be a component of the student's internal assessment for the course.

**Prerequisites:** Chemistry

**0377 ADVANCED PLACEMENT® BIOLOGY**

10 Credits

**Description:** Advanced Placement® Biology provides an in-depth study of the rigorous components of the life sciences and emphasizes traditional and current biology concepts. This course is equivalent to a college-level introductory biology course and provides a strong preparation for post-high school science. This lab-based course may include the dissection of preserved specimens. AP Biology students should possess strong writing, reading, and analytical skills. Completion of this course will prepare students to take the Advanced Placement® Biology exam.

**Prerequisites:** Biology and Chemistry

**0378 IB BIOLOGY HL II****12 North only** 10 Credits

**Description:** This course provides an in-depth study of the major concepts and themes in biology. This course is the second of the two-year course designed to prepare a student to take the IB Biology Higher Level examination. It is equivalent to a college level General Biology course. Approximately 25% of class time will be devoted to laboratory experiences, which will be a component of the student's internal assessment for the course. In addition to lecture/discussion and laboratory, class time will be used to work on an interdisciplinary Group 4 project.

**Prerequisites:** IB Biology HL I

**0380 IB PHYSICS SL****11-12 North only** 10 Credits

**Description:** The standard level physics course is a study of classical and modern physics. The core syllabus describes a non-calculus-based study of the fundamental topics of physics. The emphasis is on personal experience in the scientific method. While focusing on the development of both scientific knowledge and scientific activity, students of IB Physics SL will make connections within the three domains of physics: laws of physics, experimental skills, and the social and historical aspects.

**Prerequisites:** Completion of Introduction to IB Chemistry and IB Physics and completion of or concurrent enrollment in Precalculus

**0381 IB PHYSICS HL I****11 North only** 10 Credits

**Description:** This course is the first year of the two-year course designed to prepare a student to take the IB Physics Higher Level examination. The course is a study of classical and modern physics. The core syllabus describes a non-calculus-based study of the fundamental topics of physics. The emphasis is on personal experience in the scientific method. While focusing on the development of both scientific knowledge and scientific activity, students of Physics HL I will make connections within the three domains of physics: laws of physics, experimental skills, and the social and historical aspects.

**Prerequisites:** Completion of Introduction to IB Chemistry and IB Physics and completion of or concurrent enrollment in Precalculus

**0382 IB PHYSICS HL II****12 North only** 10 Credits

**Description:** The second year of IB Higher Level Physics continues the study of classical and modern Physics. During the second year HL students will study the core syllabus in more depth. In addition to the greater detail of the core, HL students may cover medical and/or particle Physics. HL students will continue the emphasis on the scientific method and studying the impact of human activities on the Earth from a scientific viewpoint.

**Prerequisites:** IB Physics HL I

**0383 ADVANCED PLACEMENT® PHYSICS 1: ALGEBRA-BASED****10-12** 10 Credits

**Description:** Students will engage in hands-on exploration while developing an understanding of Newtonian mechanics, including rotational dynamics and angular momentum; work, energy, and power; mechanical waves and sound; and electric circuits and relevant, heat, nuclear, and earth science topics. This course is the equivalent to a first-semester college course in algebra-based physics. Completion of this course will prepare students to take the Advanced Placement® Physics 1: Algebra-Based exam. Students who successfully completed 0329 Physical Science: Physics may also take this course as a science elective during eleventh or twelfth grade. Students who successfully completed 0352 Physics are encouraged to take 0384 AP Physics 2: Algebra-Based.

**Prerequisites:** Completion of or concurrent enrollment in Algebra II (or Algebra II: Foundations 4) and Biology

**0384 ADVANCED PLACEMENT® PHYSICS 2: ALGEBRA-BASED**

10 Credits

**Description:** Students will engage in hands-on exploration while developing an understanding of fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. This course is the equivalent to a second-semester college course in algebra-based physics. Completion of this course will prepare students to take the Advanced Placement® Physics 2: Algebra-Based exam.

**Prerequisites:** Physics or AP Physics 1: Algebra-Based and completion or concurrent enrollment in Precalculus or Honors Precalculus.

## SOCIAL STUDIES

| <b>Required for Graduation</b><br><i>(Suggested Sequence)</i> |   |   |
|---|---|---|
| <b>9<sup>th</sup> Grade</b>                                   | <b>10<sup>th</sup> Grade</b>                      | <b>11<sup>th</sup> or 12<sup>th</sup> Grade</b>   |
| 0408 World Geography<br>OR<br>0456 AP Human Geography         | 0420 World History<br>OR<br>0424 AP World History | 0449 United States History<br>OR<br>0450 AP United States History<br><br><p style="text-align: center;"><b>AND</b></p> 0414 United States Government and Economics<br>OR<br>0415 AP United States Government and Politics |

| <b>Electives</b> |  |
|------------------|--|
| 0415             | AP United States Government and Politics** |
| 0422             | World Religions                            |
| 0424             | AP World History**                         |
| 0425             | Human Diversity*                           |
| 0426             | International Relations*                   |
| 0430             | Introduction to Behavioral Science*        |
| 0431             | Sociology*                                 |
| 0432             | Psychology*                                |
| 0433             | IB Psychology* (North)                     |
| 0442             | Law Studies                                |
| 0450             | AP United States History**                 |
| 0451             | AP European History                        |
| 0453             | AP Psychology                              |
| 0456             | AP Human Geography**                       |
| 0457             | AP Comparative Government and Politics     |

\* Fulfills Human Resources Graduation Requirement

\*\* May be taken for elective credit if not taken to fulfill a Social Studies Graduation Requirement

| <b>IB Courses (North High School)</b>  |                                       |
|--|---------------------------------------|
| <b>11-12<sup>th</sup> Grade</b>  | <b>12<sup>th</sup> Grade</b>          |
| 0458 IB Early Modern World History SL/HL I<br><br>0433 IB Psychology SL (HR) | 0455 IB History of the Americas HL II |

## SOCIAL STUDIES

| Course                | Course Name                              | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|-----------------------|--|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>SOCIAL STUDIES</b> |  |         |       |                        |               |          |                     |                   |                   |                  |
| 0408                  | World Geography                          | 5       | 9     |                        |               | •        | •                   | •                 | •                 | •                |
| 0414                  | United States Government and Economics   | 5       | 11-12 |                        |               | •        | •                   | •                 | •                 | •                |
| 0415                  | AP United States Government and Politics | 5       | 11-12 |                        |               | •        |                     | •                 | •                 | •                |
| 0458 A/B              | IB Early Modern World History SL/HL I    | 10      | 11-12 |                        |               | •        |                     | •                 |                   |                  |
| 0420 A/B              | World History                            | 10      | 10-12 |                        |               | •        | •                   | •                 | •                 | •                |
| 0424 A/B              | AP World History                         | 10      | 10-12 |                        |               | •        |                     | •                 | •                 | •                |
| 0422                  | World Religions                          | 5       |       |                        | 0408 or 0456  | •        |                     | •                 | •                 | •                |
| 0425                  | Human Diversity                          | 5       |       | HR                     |               | •        | •                   | •                 | •                 | •                |
| 0426                  | International Relations                  | 5       |       | HR                     |               | •        | •                   | •                 | •                 | •                |
| 0430                  | Introduction to Behavioral Sciences      | 5       |       | HR                     |               | •        |                     | •                 | •                 | •                |
| 0431                  | Sociology                                | 5       | 11-12 | HR                     |               | •        | •                   | •                 | •                 | •                |
| 0432                  | Psychology                               | 5       | 11-12 | HR                     |               | •        | •                   | •                 | •                 | •                |
| 0433 A/B              | IB Psychology SL                         | 10      | 11-12 | HR                     |               | •        |                     | •                 |                   |                  |
| 0442                  | Law Studies                              | 5       | 11-12 |                        |               | •        | •                   | •                 | •                 | •                |
| 0449 A/B              | United States History                    | 10      | 11-12 |                        |               | •        | •                   | •                 | •                 | •                |
| 0450 A/B              | AP United States History                 | 10      | 11-12 |                        |               | •        |                     | •                 | •                 | •                |
| 0451 A/B              | AP European History                      | 10      |       |                        | 0408 or 0456  | •        |                     | •                 | •                 | •                |
| 0453                  | AP Psychology                            | 5       |       |                        | 0432          | •        |                     | •                 | •                 | •                |
| 0455 A/B              | IB History of the Americas HL II         | 10      | 12    |                        | 0418          | •        |                     | •                 |                   |                  |
| 0456 A/B              | AP Human Geography                       | 10      |       |                        |               | •        |                     | •                 | •                 | •                |
| 0457                  | AP Comparative Government and Politics   | 5       |       |                        | 0420 or 0424  | •        |                     | •                 | •                 | •                |

HR = Fulfills Human Resources Graduation Requirement

## SOCIAL STUDIES

### 0408 WORLD GEOGRAPHY

9

5 Credits

**Description:** Students will function as global citizens. They will exhibit understanding of the interactions between humans and their physical environment, cultural diversity, global interdependence, and international cooperation and conflict. With this understanding, students will develop skills necessary to analyze historical and contemporary events.

**Prerequisites:** None

### 0414 UNITED STATES GOVERNMENT AND ECONOMICS

11-12

5 Credits

**Description:** Students will acquire knowledge and skills necessary to function as educated, concerned, and active citizens in our political and economic systems. Classroom learning is strengthened by participation and analysis of prior service learning through a culminating project.

**Prerequisites:** None

### 0415 ADVANCED PLACEMENT® UNITED STATES GOVERNMENT AND POLITICS

11-12

5 Credits

**Description:** Students will acquire knowledge and skills necessary to function as educated, concerned and active citizens in our political and economic system. Classroom learning is strengthened by participation and analysis of prior service learning through a culminating project. Completion of this course will prepare students to take the Advanced Placement® exam.

**Prerequisites:** None

**0458 IB EARLY MODERN WORLD HISTORY SL/HL I** **11-12 North only** 10 Credits

**Description:** Students will examine the creation of global systems and the establishment of modern political, economic, and social institutions. The course traces the development of global systems like The Silk Road and The Indian Ocean Network, the final days of Islamic Spain, European and Asian Exploration, and the establishment of the New World. Students will explore the developments in thought through the European Enlightenment to critically examine the age of revolutions in the Americas from 1754 through 1812. IB Early Modern World History SL/HL I is taken as either a one year course for students studying history at the standard level, or as the first year of the two year higher level History of the Americas course.

**Prerequisites:** None

**0420 WORLD HISTORY** **10-12** 10 Credits

**Description:** Students will examine the interaction of humans and their environment, development and interaction of cultures, and comparison of economic, political, and social structures in order to analyze their historical impact upon one another. This course explores the time period from prehistory to the present.

**Prerequisites:** None

**0424 ADVANCED PLACEMENT® WORLD HISTORY** **10-12** 10 Credits

**Description:** Students will examine the interaction of humans and their environment, development and interaction of cultures, and comparison of economic, political and social structures to analyze their historical impact upon one another. This course explores the time periods from prehistory to the present. Completion of this course will prepare students to take the World History Advanced Placement® exam.

**Prerequisites:** None

**0422 WORLD RELIGIONS** 5 Credits

**Description:** Students will analyze the five major religions of the world: Buddhism, Christianity, Hinduism, Islam, and Judaism. Students will explore the basic tenets and history of each religion to evaluate the impact of people, events, ideas and symbols upon each other.

**Prerequisites:** World Geography or AP Human Geography

**0425 HUMAN DIVERSITY** 5 Credits

**Description:** Students will examine contemporary problems faced by social groups, characterized by race, ethnicity, gender, and socioeconomic status, in the United States. Historical contributions and struggles of these groups will be examined and related to present-day life. This course fulfills the Human Resources Graduation Requirement.

**Prerequisites:** None

**0426 INTERNATIONAL RELATIONS** 5 Credits

**Description:** Students will analyze the role of the United States in the international community and the problems faced by our nation. Through a problem-solving approach, major issues will be investigated using historical and contemporary sources with an emphasis on understanding these complex issues. This course fulfills the Human Resources Graduation Requirement.

**Prerequisites:** None

**0430 INTRODUCTION TO BEHAVIORAL SCIENCES** 5 Credits

**Description:** Students will explore the behavioral sciences through the disciplines of anthropology, sociology, and psychology to understand the perspective of each field of study. This course fulfills the Human Resources Graduation Requirement.

**Prerequisites:** None

**0431 SOCIOLOGY** **11-12** 5 Credits

**Description:** Students will develop an understanding of group behavior and social interaction through analysis of the structure, values and functions of groups in various levels of our society. This course fulfills the Human Resources Graduation Requirement.

**Prerequisites:** None

**0432 PSYCHOLOGY** **11-12** 5 Credits

**Description:** Students will research the discipline of Psychology as the scientific study of the individual and his/her behavior by connecting psychology to the world. This course fulfills the Human Resources Graduation Requirement.

**Prerequisites:** None

**0433 IB PSYCHOLOGY SL****11-12 North only** 10 Credits

**Description:** This course enables students to promote an awareness of and respect for the psychological diversity of human beings with reference to their biological, social, and cultural influences. Students will develop an appreciation of the broad scope of psychology, as well as an understanding of the different theoretical approaches utilized in understanding behavior. They will be able to describe, compare, and evaluate the key ideas of all four of psychology's major perspectives, as well as the historical and cultural contexts in which each developed. Students will be introduced to scientific methodology used in psychological inquiry, demonstrate their ability to design, conduct, and report a simple experiment, as well as review ethical practices and responsibilities essential to such inquiry. Ultimately, they will explore the practical applications of psychology and demonstrate the relevance of psychology to daily life, from the individual level to the global level representing an international perspective. This course fulfills the Human Resources Graduation Requirement.

**Prerequisites:** None

**0442 LAW STUDIES****11-12** 5 Credits

**Description:** Students will investigate the field of law and our criminal justice system. Topics include criminal behavior, the Bill of Rights, police work, prosecution, the courts, our correctional system, and civil and criminal law.

**Prerequisites:** None

**0449 UNITED STATES HISTORY****11-12** 10 Credits

**Description:** Students will evaluate major events in United States history beginning with the Progressive Era and continuing towards the present to research, analyze and understand past, current and potential issues and events at the local, state and national levels.

**Prerequisites:** None

**0450 ADVANCED PLACEMENT® UNITED STATES HISTORY****11-12** 10 Credits

**Description:** Students will study the history of the United States chronologically from the pre-colonial era moving toward the present. Completion of this college level course will prepare students to take the Advanced Placement® United States History exam.

**Prerequisites:** None

**0451 ADVANCED PLACEMENT® EUROPEAN HISTORY**

10 Credits

**Description:** Students will study European history since 1450 and examine cultural, economic, political, and social developments that played a fundamental role in shaping the world. Completion of this college level course will prepare students to take the Advanced Placement® exam in European History.

**Prerequisites:** World Geography or AP Human Geography

**0453 ADVANCED PLACEMENT® PSYCHOLOGY**

5 Credits

**Description:** Students will continue to focus on the concepts started in Psychology. Students will further evaluate the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will examine the psychological facts, principles, and phenomena associated with the major subfields of psychology. Completion of this course will prepare students to take the Advanced Placement® Psychology exam.

**Prerequisites:** Psychology

**0455 IB HISTORY OF THE AMERICAS HL II****12 North only** 10 Credits

**Description:** The History of the Americas course uses the Americas as its regional option. It is a one-year curriculum where students will study common experiences in the Americas through a comparative analysis of the histories of the United States, Latin America, and Canada. The course will center on the following themes: history, politics, culture, society, economics, technology diplomacy, and international affairs. This course is offered with IB Early Modern World History SL/HL I as part of a two-year curriculum. It will focus on regional case studies of the Americas, and students will be testing at IB higher level.

**Prerequisites:** IB Early Modern World History SL/HL I

**0456 ADVANCED PLACEMENT® HUMAN GEOGRAPHY**

10 Credits

**Description:** Students will explore the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science practice. Completion of this course will prepare students to take the Advanced Placement® Human Geography exam.

**Prerequisites:** None

**0457 ADVANCED PLACEMENT® COMPARATIVE GOVERNMENT AND POLITICS**

5 Credits

**Description:** Students will be introduced to the fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of settings. Six countries form the core of this course: China, Great Britain, Iran, Mexico, Nigeria, and Russia. The aim is to illustrate the rich diversity of political life, to analyze institutional alternatives, to explain differences in processes and policy outcomes, and to appreciate the importance of global and economic changes. Completion of this course will prepare students to take the Advanced Placement® Comparative Government and Politics exam.

**Prerequisites:** World History or AP World History

## SPECIAL EDUCATION

All students must be verified with a special education disability to qualify for the following classes. Each course will be differentiated to fit the needs of the students based on the students' Individual Educational Program (IEP). These courses are NOT college preparatory; however, they do fulfill the necessary requirements for graduation. All listed courses may not be offered each semester due to insufficient student enrollment or staff availability.

| Course                   | Course Name  | Credits | Grade | Graduation Requirement |   | ACT Core | Horizon High School | North High School | South High School | West High School |
|--------------------------|--|---------|-------|------------------------|---|----------|---------------------|-------------------|-------------------|------------------|
| <b>SPECIAL EDUCATION</b> |  |         |       |                        |   |          |                     |                   |                   |                  |
| 0900 A/B                 | Fundamental English                                | 10      |       |                        | † |          |                     | •                 | •                 | •                |
| 0903 A/B                 | Essentials of English 11                           | 10      | 11    |                        | † |          |                     | •                 | •                 | •                |
| 0908 A/B                 | Fundamental Reading                                | 10      |       |                        | † |          |                     | •                 | •                 | •                |
| 0920 A/B                 | Fundamental Mathematics                            | 10      |       |                        | † |          |                     | •                 | •                 | •                |
| 0930 A/B                 | Fundamental Science                                | 10      |       |                        | † |          |                     | •                 | •                 | •                |
| 0932 A/B                 | Essentials of Biology                              | 10      | 9     |                        | † |          |                     | •                 | •                 | •                |
| 0933                     | Essentials of Human Physiology I                   | 5       | 11-12 |                        | † |          |                     | •                 | •                 | •                |
| 0934                     | Essentials of Human Physiology II                  | 5       | 11-12 |                        | † |          |                     | •                 | •                 | •                |
| 0935                     | Essentials of Environmental Science                | 5       | 10-12 |                        | † |          |                     |                   | •                 | •                |
| 0936                     | Essentials of Physical Science: Chemistry          | 5       | 10-11 | C                      | † |          |                     | •                 | •                 | •                |
| 0937                     | Essentials of Physical Science: Physics            | 5       | 10-11 | P                      | † |          |                     | •                 | •                 | •                |
| 0940 A/B                 | Fundamental Social Studies                         | 10      |       |                        | † |          |                     | •                 | •                 | •                |
| 0944                     | Essentials of United States Government & Economics | 5       | 11-12 |                        | † |          |                     | •                 | •                 | •                |
| 0946                     | Essentials of World Geography                      | 5       | 9     |                        | † |          |                     | •                 | •                 | •                |
| 0947                     | Essentials of Human Diversity                      | 5       |       | HR                     | † |          |                     | •                 | •                 | •                |
| 0948 A/B                 | Essentials of World History                        | 10      | 10    |                        | † |          |                     | •                 | •                 | •                |
| 0949 A/B                 | Essentials of United States History                | 10      | 11-12 |                        | † |          |                     | •                 | •                 | •                |
| 0950                     | Fundamental Daily Living                           | 5       | 10-12 | H                      | † |          |                     | •                 | •                 | •                |
| 0951                     | Fundamental Independent Living                     | 5       |       |                        | † |          |                     | •                 | •                 | •                |
| 0952                     | Career Readiness Skills and Exploration            | 5       |       |                        | † |          |                     | •                 | •                 | •                |
| 0953                     | College Readiness Skills and Exploration           | 5       |       |                        | † |          |                     | •                 | •                 | •                |
| 0960                     | Fundamental Personal Finance                       | 5       |       | FL                     | † |          |                     | •                 | •                 | •                |
| 0970 A/B                 | Fundamental Technology                             | 10      |       |                        | † |          |                     | •                 | •                 | •                |
| 0971 A/B                 | Fundamental Prevocational Skills                   | 10      |       |                        | † |          |                     | •                 | •                 | •                |
| 0972                     | Fundamentals of Speech                             | 5       |       | OC                     | † |          |                     | •                 | •                 | •                |
| 0973                     | Work Introduction Network I                        | 5       |       | HR                     | † |          |                     | •                 | •                 | •                |
| 0974                     | Work Introduction Network II                       | 5       |       |                        | † |          |                     | •                 | •                 | •                |

C = Fulfills Chemistry Graduation Requirement

FL = Fulfills Financial Literacy Graduation Requirement

H = Fulfills Health Education Graduation Requirement

HR = Fulfills Human Resources Graduation Requirement

OC = Fulfills Oral Communications Graduation Requirement

P = Fulfills Physics Graduation Requirement

† = See course descriptions for additional requirements.

**SPECIAL EDUCATION**
**0900 FUNDAMENTAL ENGLISH** 10 Credits

**Description:** This course is designed for students who require an alternate curriculum in written and oral expression. This course's grading system is pass/fail.

**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

**0903 ESSENTIALS OF ENGLISH 11** 11 10 Credits
**American Literature and Composition**

**Description:** Through this course, students will explore how American literature reflects the identities and cultures of the United States. Students will become adept at analyzing texts from a variety of genres through cultural, racial, and gender perspectives in historical and contemporary literature. By analyzing the author's views and social context, students will delve into deeper understanding of language, literature, and the writing and research process. Students will study a variety of texts including short stories, novels, poetry, drama, fiction, non-fiction, and visual and digital texts. Students will study a variety of methods, including, but not limited to, essays, presentations, and creative critical thinking activities. Students will be assessed using a variety of methods including, but not limited to, essays, presentations, and creative critical thinking activities. Students may utilize additional/supplemental curriculum materials to meet their individual needs.

**Prerequisites:** IEP Team recommendation and approval by Special Education Department Head and Building Administrator

**0908 FUNDAMENTAL READING** 10 Credits

**Description:** This course is designed for students who require an alternate curriculum in reading. This course's grading system is pass/fail.

**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

**0920 FUNDAMENTAL MATHEMATICS** 10 Credits

**Description:** This course is designed for students who require an alternate curriculum in mathematics. This course's grading system is pass/fail.

**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

**0930 FUNDAMENTAL SCIENCE** 10 Credits

**Description:** This course is designed for students who require an alternate curriculum in science. This course's grading system is pass/fail.

**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

**0932 ESSENTIALS OF BIOLOGY** 9 10 Credits

**Description:** This course offers an opportunity to explore diversity and interdependence in our living world. This course provides a general overview of major biological topics including the cell, genetics, biochemistry, interdependence of organisms, and related Earth science concepts. Through inquiry, students develop a conceptual understanding of biology as they acquire important information and refine their laboratory skills.

**Prerequisites:** IEP Team recommendation and approval by Special Education Department Head and Building Administrator

**0936 ESSENTIALS OF PHYSICAL SCIENCE: CHEMISTRY** 10-11 5 Credits

**Description:** In this course students explore traditional concepts of atomic structure, properties of matter, and interactions of matter, as well as related space science concepts, while enhancing critical thinking and lab skills through hands-on experiences. Completion of this 5-credit course fulfills the chemistry graduation requirement.

**Prerequisites:** IEP Team recommendation and approval by Special Education Department Head and Building Administrator

**0937 ESSENTIALS OF PHYSICAL SCIENCE: PHYSICS** 10-11 5 Credits

**Description:** In this course students use hands-on, technology-based laboratory experiences to explore and verify Newton's three laws of motion, universal forces, energy transformations, heat, sound, light, nuclear physics, and related Earth science concepts. Completion of this 5-credit course fulfills the physics graduation requirement.

**Prerequisites:** IEP Team recommendation and approval by Special Education Department Head and Building Administrator

- 0933 ESSENTIALS OF HUMAN PHYSIOLOGY I** 11-12 5 Credits  
**0934 ESSENTIALS OF HUMAN PHYSIOLOGY II** 11-12 5 Credits  
**Description:** These courses are a basic study of the structure and function of human body systems. They are recommended for students interested in learning about the structure and function of the human body, exploring current health topics such as cause and prevention of disease, acquiring health occupational skills and gaining insight into various health and medical careers.  
**Prerequisites:** IEP Team recommendation and approval by Special Education Dept. Head and Building Administrator
- 0935 ESSENTIALS OF ENVIRONMENTAL SCIENCE** 10-12 5 Credits  
**Description:** This course will help students become aware of how they fit into the delicate balance of their environment. Students will analyze natural and human made environmental problems, evaluate their risks, and examine potential actions for preventing or solving these problems. Critical thinking, utilization of lab skills, and participation in hands-on experiences will be significant components of this course.  
**Prerequisites:** IEP Team recommendation and approval by Special Education Dept. Head and Building Administrator
- 0940 FUNDAMENTAL SOCIAL STUDIES** 10 Credits  
**Description:** This course is designed for students who require an alternate curriculum in social studies. This course's grading system is pass/fail.  
**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team
- 0946 ESSENTIALS OF WORLD GEOGRAPHY** 9 5 Credits  
**Description:** Students will function as global citizens to exhibit understanding of the interactions between humans and their physical environment, cultural diversity, global interdependence, and international cooperation and conflict. With this understanding, students will develop skills necessary to analyze historical and contemporary events.  
**Prerequisites:** IEP Team recommendation and approval by Special Education Department Head and Building Administrator
- 0944 ESSENTIALS OF UNITED STATES GOVERNMENT AND ECONOMICS** 11-12 5 Credits  
**Description:** This course is designed to help students acquire the knowledge and skills necessary to function as informed, concerned, and active citizens/consumers in our democratic society and complex world. Classroom learning is strengthened by participation and analysis of prior service learning through a culminating project.  
**Prerequisites:** IEP Team recommendation and approval by Special Education Department Head and Building Administrator
- 0947 ESSENTIALS OF HUMAN DIVERSITY** 5 Credits  
**Description:** Students will examine contemporary problems faced by social groups, characterized by race, ethnicity, gender, and socioeconomic status, in the United States. Historical contributions and struggles of these groups will be examined and related to present-day life. This course fulfills the Human Resources Graduation Requirement.  
**Prerequisites:** IEP Team recommendation and approval by Special Education Dept. Head and Building Administrator
- 0948 ESSENTIALS OF WORLD HISTORY** 10 10 Credits  
**Description:** Students will examine the interaction of humans and their environment, development and interaction of cultures, and comparison of economic, political, and social structures in order to analyze their historical impact upon one another. This course explores the time period from prehistory to the present.  
**Prerequisites:** IEP Team recommendation and approval by Special Education Dept. Head and Building Administrator
- 0949 ESSENTIALS OF UNITED STATES HISTORY** 11-12 10 Credits  
**Description:** Students will evaluate major events in United States history beginning with the Progressive Era and continuing towards the present to research, analyze and understand past, current and potential issues and events at the local, state and national levels.  
**Prerequisites:** IEP Team recommendation and approval by Special Education Dept. Head and Building Administrator
- 0950 FUNDAMENTAL DAILY LIVING** 10-12 5 Credits  
**Description:** This course is designed for students who require an alternate curriculum in the areas of self-care, health education, wellness, and safety. This course fulfills the Health Education Graduation Requirement.  
**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

**0951 FUNDAMENTAL INDEPENDENT LIVING**

5 Credits

**Description:** This course is designed for students who require an alternate curriculum in the areas of cooking, household safety and cleanliness, finances, and leisure skills.

**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

**0952 CAREER READINESS SKILLS AND EXPLORATION**

5 Credits

**Description:** This exploratory course provides information to help students become career ready. Students will be exposed to the best practices for job acquisition and maintenance of employment. Knowledge of human relations and practical job skills to succeed and advance on the job are emphasized. Students will strengthen their communication, develop self-determination, and apply academic skills as they apply to the work place.

**Prerequisites:** IEP Team Recommendation

**0953 COLLEGE READINESS SKILLS AND EXPLORATION**

5 Credits

**Description:** This exploratory course provides information to help students become college ready. Post-secondary educational options, such as exploring potential course(s) of study, determining appropriate educational institutions, and discussing financial aid and/or scholarship options will be examined. Students will explore time management strategies, study skills, and the differences between high school and post-secondary educational expectations. Students will strengthen their communication, develop self-determination, and apply academic skills as they apply to post-secondary educational opportunities.

**Prerequisites:** IEP Team Recommendation

**0960 FUNDAMENTAL PERSONAL FINANCE**

5 Credits

**Description:** This course is designed for students who require an alternate curriculum for Personal Finance. This course's grading system is pass/fail. This course fulfills the Financial Literacy Graduation Requirement.

**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

**0970 FUNDAMENTAL TECHNOLOGY**

10 Credits

**Description:** This course is designed for students who require an alternate curriculum to access technology. This course's grading system is pass/fail.

**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

**0971 FUNDAMENTAL PREVOCATIONAL SKILLS**

10 Credits

**Description:** This course is designed for students who require an alternate curriculum to learn prevocational work habits and skills in a supported environment. This course's grading system is pass/fail.

**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

**0972 FUNDAMENTALS OF SPEECH**

5 Credits

**Description:** This course is designed for students who require an alternate curriculum in intrapersonal and interpersonal communication. This course's grading system is pass/fail and fulfills the Oral Communications Graduation Requirement.

**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

**0973 WORK INTRODUCTION NETWORK I**

5 Credits

**Description:** This course provides students with an opportunity to explore occupations in non-paid work experiences at pre-approved school or community sites. These functional experiences will provide students with hands-on training and exploration of actual job duties in various career interest areas in preparation for competitive employment. This course's grading system is pass/fail.

**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

**0974 WORK INTRODUCTION NETWORK II**

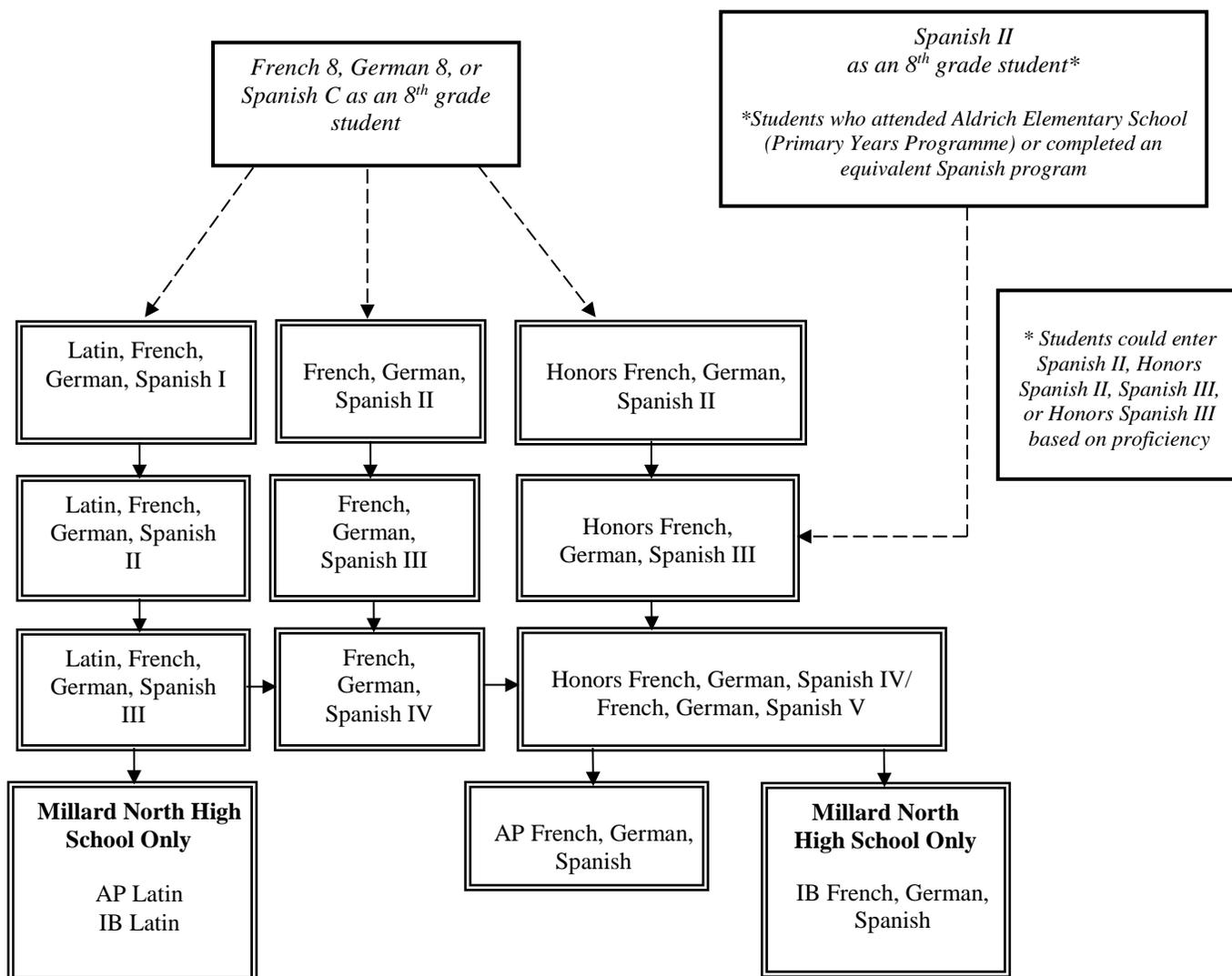
5 Credits

**Description:** This course provides students with an opportunity to explore occupations in non-paid work experiences at pre-approved school or community sites. These functional experiences will provide students with hands-on training and exploration of actual job duties in various career interest areas in preparation for competitive employment. This course's grading system is pass/fail.

**Prerequisites:** Enrollment in this course is limited to students in an alternate curriculum program and recommended by student's IEP Team

## WORLD LANGUAGE

Students have the opportunity to begin exploring World Language in middle school. At the end of eighth grade, a collaborative recommendation for ninth grade World Language placement will be made based on 6<sup>th</sup> - 8<sup>th</sup> grade World Language course enrollments and reflective input by the student.



Students are advised to take consecutive years of the same language. University of Nebraska System admissions requirements include two years of the same language, and some programs may require more.

Students are highly encouraged to extend their language study throughout their high school years. Although based on individual proficiency, students normally follow one of the above paths. A student may take a different path, however.

Students who demonstrate language proficiency are encouraged to learn a second language in high school while continuing the first language.

## WORLD LANGUAGE

| Course                | Course Name                     | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|-----------------------|---------------------------------|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>WORLD LANGUAGE</b> |                                 |         |       |                        |               |          |                     |                   |                   |                  |
| 0112 A/B              | German I                        | 10      |       |                        |               |          |                     | •                 | •                 | •                |
| 0113 A/B              | German II                       | 10      |       |                        | 0112          |          |                     | •                 | •                 | •                |
| 0114 A/B              | Honors German II                | 10      |       |                        | 0112          |          |                     | •                 | •                 | •                |
| 0115 A/B              | German III                      | 10      |       |                        | 0113          |          |                     | •                 | •                 | •                |
| 0116 A/B              | Honors German III               | 10      |       |                        | 0113 or 0114  |          |                     | •                 | •                 | •                |
| 0117 A/B              | German IV                       | 10      |       |                        | 0115          |          |                     | •                 | •                 | •                |
| 0118 A/B              | Honors German IV/German V       | 10      |       |                        | 0116 or 0117  |          |                     | •                 | •                 | •                |
| 0119 A/B              | AP German Language and Culture  | 10      |       |                        | 0118          |          |                     | •                 | •                 | •                |
| 0120 A/B              | IB German B SL                  | 10      | 12    |                        | 0118          |          |                     | •                 |                   |                  |
| 0132 A/B              | French I                        | 10      |       |                        |               |          |                     | •                 | •                 | •                |
| 0133 A/B              | French II                       | 10      |       |                        | 0132          |          |                     | •                 | •                 | •                |
| 0134 A/B              | Honors French II                | 10      |       |                        | 0132          |          |                     | •                 | •                 | •                |
| 0135 A/B              | French III                      | 10      |       |                        | 0133          |          |                     | •                 | •                 | •                |
| 0136 A/B              | Honors French III               | 10      |       |                        | 0133 or 0134  |          |                     | •                 | •                 | •                |
| 0137 A/B              | French IV                       | 10      |       |                        | 0135          |          |                     | •                 | •                 | •                |
| 0138 A/B              | Honors French IV/French V       | 10      |       |                        | 0136 or 0137  |          |                     | •                 | •                 | •                |
| 0139 A/B              | AP French Language and Culture  | 10      |       |                        | 0138          |          |                     | •                 | •                 | •                |
| 0140 A/B              | IB French B SL                  | 10      | 12    |                        | 0138          |          |                     | •                 |                   |                  |
| 0152 A/B              | Spanish I                       | 10      |       |                        |               |          | •                   | •                 | •                 | •                |
| 0153 A/B              | Spanish II                      | 10      |       |                        | 0152          |          | •                   | •                 | •                 | •                |
| 0154 A/B              | Honors Spanish II               | 10      |       |                        | 0152          |          |                     | •                 | •                 | •                |
| 0155 A/B              | Spanish III                     | 10      |       |                        | 0153          |          |                     | •                 | •                 | •                |
| 0156 A/B              | Honors Spanish III              | 10      |       |                        | 0153 or 0154  |          |                     | •                 | •                 | •                |
| 0157 A/B              | Spanish IV                      | 10      |       |                        | 0155          |          |                     | •                 | •                 | •                |
| 0158 A/B              | Honors Spanish IV/Spanish V     | 10      |       |                        | 0156 or 0157  |          |                     | •                 | •                 | •                |
| 0159 A/B              | AP Spanish Language and Culture | 10      |       |                        | 0158          |          |                     | •                 | •                 | •                |
| 0160 A/B              | IB Spanish B SL                 | 10      | 12    |                        | 0158          |          |                     | •                 |                   |                  |
| 0171 A/B              | IB Spanish A2 HL A              | 10      | 12    |                        |               |          |                     | •                 |                   |                  |
| 0161 A/B              | IB Latin SL                     | 10      | 12    |                        | 0164          |          |                     | •                 |                   |                  |
| 0162 A/B              | Latin I                         | 10      |       |                        |               |          |                     | •                 |                   |                  |
| 0163 A/B              | Latin II                        | 10      |       |                        | 0162          |          |                     | •                 |                   |                  |
| 0164 A/B              | Latin III                       | 10      |       |                        | 0163          |          |                     | •                 |                   |                  |
| 0172 A/B              | AP Latin                        | 10      |       |                        | 0164          |          |                     | •                 |                   |                  |

## WORLD LANGUAGE

### 0132 FRENCH I

10 Credits

**Description:** Students will acquire the vocabulary and structures needed for listening, speaking, reading, and writing at an introductory level. Students will learn about and experience cultural practices relating to the French culture.

**Prerequisites:** None

### 0133 FRENCH II

10 Credits

**Description:** Students will continue learning vocabulary and developing skills to express themselves. Students will explore culture through a variety of topics. Using listening, speaking, reading, and writing skills, students will communicate in French.

**Prerequisites:** French 8 or French I

**0134 HONORS FRENCH II**

10 Credits

**Description:** Students will learn an expanded vocabulary and develop skills at an accelerated pace. Students will explore culture through a variety of topics. Using listening, speaking, reading, and writing skills, students will communicate in French. Authentic text will be introduced and students will demonstrate more independence in communication. Honors Level II is recommended for all students who plan to pursue Advanced Placement® or International Baccalaureate®.

**Prerequisites:** French 8 or French I

**0135 FRENCH III**

10 Credits

**Description:** Students will further develop the reading, writing, listening, and speaking skills needed to function in the language and in practical situations in the French culture. Students will expand their vocabulary and complex mechanics to develop skills utilizing authentic sources. Students will communicate in the present, past, and future tenses. Students will also explore culture through a variety of topics.

**Prerequisites:** French II

**0136 HONORS FRENCH III**

10 Credits

**Description:** Students will further develop the reading, writing, listening, and speaking skills needed to function in the language and in practical situations in the French culture. Students will learn an expanded vocabulary and develop skills at an accelerated pace utilizing authentic sources. Students will use complex mechanics of the language and explore culture through a variety of topics. The majority of the course will be conducted in French. Honors Level III is recommended for all students who plan to pursue Advanced Placement® or International Baccalaureate® courses.

**Prerequisites:** French II or Honors French II

**0137 FRENCH IV**

10 Credits

**Description:** Students will further develop the reading, writing, listening and speaking skills needed to function in the language and in practical situations in the French culture. Students will communicate with greater spontaneity and in greater detail utilizing authentic sources. Students will also explore culture through a variety of topics. The majority of the course will be conducted in French.

**Prerequisites:** French III

**0138 HONORS FRENCH IV/ FRENCH V**

10 Credits

**Description:** Students will go beyond the functional level practiced in previous courses and will develop more abstract communication skills utilizing authentic sources. Students will communicate with greater spontaneity and in greater detail. Students will also explore culture through a variety of topics. The course will be conducted in French. Honors Level IV is recommended for all students who plan to pursue Advanced Placement® or International Baccalaureate® courses.

**Prerequisites:** Honors French III or French IV

**0139 ADVANCED PLACEMENT® FRENCH LANGUAGE AND CULTURE**

10 Credits

**Description:** Students will improve in all skill areas. Emphasis will be placed on using authentic materials to increase reading and listening skills. Higher level communication skills will be attained through a variety of oral and written activities and assignments. This course will be conducted in French, and students are expected to speak French at all times. Completion of this course will prepare all students to take the Advanced Placement® French Language and Culture exam.

**Prerequisites:** Honors French IV/French V

**0140 IB FRENCH B SL**

12

North only

10 Credits

**Description:** A student may take this course as a fifth year language course and/or choose to take the Advanced Placement® exam. The premise of this curriculum is that the student should have a fundamental knowledge of the history, geography, literature, and art/music of the country in order to understand better the modern culture that has evolved and its role in the world. Current events and world affairs will be the core. The continuing study of French civilization and the reading of literary works from more modern periods are the basis of the course. Students work with advanced grammatical materials and use higher level thinking skills in activities that go beyond the functioning level to a more refined level of reading, writing, speaking and listening. The goal of active communication in French is given high priority. Cultural concepts are explored as they relate to literature, civilization, and international studies. Through use of video, magazines and newspapers, the students will deal with current issues in Francophone countries and other countries around the world. The IB curriculum will be emphasized, but students may also sign up to take the Advanced Placement® exam. The necessary Advanced Placement® review materials will be available.

**Prerequisites:** Honors French IV/French V

**0112 GERMAN I**

10 Credits

**Description:** Students will acquire the vocabulary and structures needed for listening, speaking, reading and writing at an introductory level. Students will learn about and experience cultural practices relating to the German culture.

**Prerequisites:** None

**0113 GERMAN II**

10 Credits

**Description:** Students will continue learning vocabulary and developing skills to express themselves. Students will explore culture through a variety of topics. Using listening, speaking, reading and writing skills, students will communicate in German.

**Prerequisites:** German 8 or German I

**0114 HONORS GERMAN II**

10 Credits

**Description:** Students will learn an expanded vocabulary and develop skills at an accelerated pace. Students will explore culture through a variety of topics. Using listening, speaking, reading and writing skills, students will communicate in German. Authentic text will be introduced and students will demonstrate more independence in communication. Honors Level II is recommended for all students who plan to pursue Advanced Placement® or International Baccalaureate®.

**Prerequisites:** German 8 or German I

**0115 GERMAN III**

10 Credits

**Description:** Students will further develop the reading, writing, listening and speaking skills needed to function in the language and in practical situations in the German culture. Students will learn an expanded vocabulary and complex mechanics to develop skills utilizing authentic sources. Students will communicate in the present, past and future tenses. Students will also explore culture through a variety of topics.

**Prerequisites:** German II

**0116 HONORS GERMAN III**

10 Credits

**Description:** Students will further develop the reading, writing, listening and speaking skills needed to function in the language and in practical situations in the German culture. Students will learn an expanded vocabulary and develop skills at an accelerated pace utilizing authentic sources. Students will use complex mechanics of the language and explore culture through a variety of topics. The majority of the course will be conducted in German. Honors Level III is recommended for all students who plan to pursue Advanced Placement® or International Baccalaureate® courses.

**Prerequisites:** German II or Honors German II

**0117 GERMAN IV**

10 Credits

**Description:** Students will further develop the reading, writing, listening and speaking skills needed to function in the language and in practical situations in the German culture. Students will communicate with greater spontaneity and in greater detail utilizing authentic sources. Students will also explore culture through a variety of topics. The majority of the course will be conducted in German.

**Prerequisites:** German III

**0118 HONORS GERMAN IV/ GERMAN V**

10 Credits

**Description:** Students will go beyond the functional level practiced in previous courses and will develop more abstract communication skills utilizing authentic sources. Students will communicate with greater spontaneity and in greater detail. Students will also explore culture through a variety of topics. The course will be conducted in German. Honors Level IV is recommended for all students who plan to pursue Advanced Placement® or International Baccalaureate® courses.

**Prerequisites:** Honors German III or German IV

**0119 ADVANCED PLACEMENT® GERMAN LANGUAGE AND CULTURE**

10 Credits

**Description:** Students will improve in all skill areas. Emphasis will be placed on using authentic materials to increase reading and listening skills. Higher level communication skills will be attained through a variety of oral and written activities and assignments. This course will be conducted in German, and students are expected to speak German at all times. Completion of this course will prepare students to take the Advanced Placement® German Language and Culture exam.

**Prerequisites:** Honors German IV/German V

**0120 IB GERMAN B SL****12****North only****10 Credits**

**Description:** A student may take this course as a fifth year language course and/or choose to take the AP exam. The student will improve in all skill areas (reading, writing, speaking, and understanding). Grammar is reviewed as needed to aid in effective communication. Emphasis will be placed on using authentic material such as video, magazines, and newspapers to study current events and culture in order to provide a thorough understanding of the language so that optimum communication can be achieved. Higher-level communication skills will be attained and assessed through a variety of oral and written activities and assignments. The IB curriculum will be emphasized, but students may also sign up to take the Advanced Placement® exam. The necessary AP review materials will be available.

**Prerequisites:** Honors German IV/German V

**0152 SPANISH I****10 Credits**

**Description:** Students will acquire the vocabulary and structures needed for listening, speaking, reading, and writing at an introductory level. Students will learn about and experience cultural practices relating to the Spanish culture.

**Prerequisites:** None

**0153 SPANISH II****10 Credits**

**Description:** Students will continue learning vocabulary and developing skills to express themselves. Students will explore culture through a variety of topics. Using listening, speaking, reading, and writing skills, students will communicate in Spanish.

**Prerequisites:** Spanish C or Spanish I

**0154 HONORS SPANISH II****10 Credits**

**Description:** Students will learn an expanded vocabulary and develop skills at an accelerated pace. Students will explore culture through a variety of topics. Using listening, speaking, reading, and writing skills, students will communicate in Spanish. Authentic text will be introduced and students will demonstrate more independence in communication. Honors Level II is recommended for all students who plan to pursue Advanced Placement® or International Baccalaureate®.

**Prerequisites:** Spanish C or Spanish I

**0155 SPANISH III****10 Credits**

**Description:** Students will further develop the reading, writing, listening, and speaking skills needed to function in the language and in practical situations in the Spanish culture. Students will learn an expanded vocabulary and complex mechanics to develop skills utilizing authentic sources. Students will communicate in the present, past and future tenses. Students will also explore culture through a variety of topics.

**Prerequisites:** Spanish II

**0156 HONORS SPANISH III****10 Credits**

**Description:** Students will further develop the reading, writing, listening, and speaking skills needed to function in the language and in practical situations in the Spanish culture. Students will learn an expanded vocabulary and develop skills at an accelerated pace utilizing authentic sources. Students will use complex mechanics of the language and explore culture through a variety of topics. The majority of the course will be conducted in Spanish. Honors Level III is recommended for all students who plan to pursue Advanced Placement® or International Baccalaureate® courses.

**Prerequisites:** Spanish II or Honors Spanish II

**0157 SPANISH IV****10 Credits**

**Description:** Students will further develop the reading, writing, listening, and speaking skills needed to function in the language and in practical situations in the Spanish culture. Students will communicate with greater spontaneity and in greater detail utilizing authentic sources. Students will also explore culture through a variety of topics. The majority of the course will be conducted in Spanish.

**Prerequisites:** Spanish III

**0158 HONORS SPANISH IV/ SPANISH V****10 Credits**

**Description:** Students will go beyond the functional level practiced in previous courses and will develop more abstract communication skills utilizing authentic sources. Students will communicate with greater spontaneity and in greater detail. Students will also explore culture through a variety of topics. The course will be conducted in Spanish. Honors Level IV is recommended for all students who plan to pursue Advanced Placement® or International Baccalaureate® courses.

**Prerequisites:** Honors Spanish III or Spanish IV

**0159 ADVANCED PLACEMENT® SPANISH LANGUAGE AND CULTURE**

10 Credits

**Description:** Students will gain advanced knowledge of the Spanish language through the use of authentic print and audio materials. Listening, reading, writing, and speaking skills are emphasized. Cultural knowledge will be taught throughout the course and grammatical concepts reviewed. The course will be conducted in Spanish, and students are expected to speak Spanish at all times. Completion of this course will prepare students to take the Advanced Placement® Spanish Language and Culture exam.

**Prerequisites:** Honors Spanish IV/Spanish V

**0160 IB SPANISH B SL**

12

North only

10 Credits

**Description:** The objective of the course is to advance students' reading comprehension, oral and listening skills, and writing proficiency through the study of literature and current events. Themes such as family, health, urban problems, and civil rights are analyzed from many cultural perspectives. Special attention is devoted to current events and issues concerning the Hispanic world. Students should have strong grammatical skills at the onset because the class emphasizes building vocabulary and increasing fluency. Few new structures are introduced, and brief grammar review is done as necessary. Spanish is used almost exclusively in class. Students are expected to exercise analytical skills, critical thinking and creativity. An independent study of Hispanic literature is required. Students are encouraged to seek, and are provided, opportunities to participate in Spanish-speaking communities directly and by electronic means. Authentic sources from multiple countries, class standpoints and genres are incorporated. A student may take this course as a fifth year language course and/or choose to take the Advanced Placement® exam.

**Prerequisites:** Honors Spanish IV/Spanish V

**0171 IB SPANISH A2 HL A**

12

North only

10 Credits

**Description:** This course is for the native Spanish speaker. The objective of the course is to advance students' reading comprehension, oral and listening skills, and writing proficiency through the study of literature and current events. Themes such as family, health, urban problems, and civil rights are analyzed in Spanish and from many cultural perspectives. Special attention is devoted to current events and issues concerning the Hispanic world. Students should have strong grammatical skills at the onset because the class emphasizes building vocabulary and increasing fluency. Few new structures are introduced, and brief grammar review is done as necessary. Spanish is used almost exclusively in class. Students are expected to exercise analytical skills, critical thinking, and creativity. An independent study of Hispanic literature is required. Students are encouraged to seek, and are provided, opportunities to participate in Spanish-speaking communities directly and by electronic means. Authentic sources from multiple countries, class standpoints and genres are incorporated. A student may take this course as a fifth year language course and/or choose to take the Advanced Placement® Spanish Language exam.

**Prerequisites:** Honors Spanish IV/ Spanish V, native Spanish speaker

**0162 LATIN I**

North only

10 Credits

**Description:** Students will experience an introduction to Latin with emphasis on acquiring a vocabulary foundation, strengthening basic grammatical skills, and learning Classical Latin reading skills. Students will begin a literature study focusing on Roman and/or Greek epic poetry in translation. Roman history and culture, as well as Greco-Roman mythology, will provide an understanding of the historical and contemporary influences of the Ancient Roman world.

**Prerequisites:** None

**0163 LATIN II**

North only

10 Credits

**Description:** Students will learn new grammar concepts to advance comprehension of Latin manuscripts and further their communication skills using Latin. Students will continue their literary studies emphasizing primary historical sources in translation. Roman historical and cultural studies will focus primarily upon the legacy of Julius Caesar and the Roman Republic.

**Prerequisites:** Latin I

**0164 LATIN III**

North only

10 Credits

**Description:** Students will explore the development of both prose and poetry, emphasizing a survey of Roman authors, including Cicero, Caesar, Vergil, and Catullus, with authentic reading selections chosen for diversity, entertainment and appropriateness. Students will become entrenched historically and culturally in the worlds reflected through these authors. Latin composition provides students the opportunity to practice advanced grammatical structures. The enrichment materials focus on the progression of classical philosophy and the development of Roman influence through the Classical world, past and present.

**Prerequisites:** Latin II

**0172 ADVANCED PLACEMENT® LATIN****North only**

10 Credits

**Description:** Students will explore the development of both prose and poetry, emphasizing a survey of Roman authors, including Cicero, Caesar, Vergil, and Catullus, with authentic reading selections chosen for diversity, entertainment and appropriateness. Students will become entrenched historically and culturally in the worlds reflected through these authors. Latin composition provides students the opportunity to practice advanced grammatical structures. The enrichment materials focus on the progression of classical philosophy and the development of Roman influence through the Classical world, past and present. Completion of this course will prepare all students to take the Advanced Placement® Latin exam.

**Prerequisites:** Latin III

**0161 IB LATIN SL****12****North only**

10 Credits

**Description:** Through the poetry of Ovid, Horace, Vergil, and Catullus, the scholar will demonstrate excellent knowledge and understanding of the influences and perspectives the modern world has of the ancient world. By intensely studying the grammar of Latin, the scholar will be more adept at analyzing the ancient authors' subtle and overt intentions. Students will study the authors' techniques, styles, and both the literary and non-literary connections to the Roman civilization. Scholars will use the Latin texts, as well as English translations, to support the development of analysis regarding the impact these authors and the Roman world had upon the past and the present cultures. The scholar will enjoy using these timeless pieces of literature as a basis of exploration into our own modern humanity. The Standard Level assessment includes translating unprepared scripts and masterfully analyzing in-depth extracts from within subordinate topics.

**Prerequisites:** Latin III



# **Specialized Programs**



## ACADEMIES AT MILLARD HIGH SCHOOLS

Academies will be offered based on student participation and availability of staff.

| Course                                   | Course Name                                     | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Dual Enrollment Credit |   |
|--|---|---------|-------|------------------------|---------------|----------|------------------------|---|
| <b>ACADEMIES IN MILLARD HIGH SCHOOLS</b> |   |         |       |                        |               |          |                        |   |
|  | <b>Business and Entrepreneurship Academy</b>    |         |       |                        | Application   |          |                        |   |
| 0007 A/B                                 | English 11                                      | 10      | 11    |                        |               | •        | M                      | This academy is located at Millard South High School. |
| AEN01 A/B                                | College Accounting I                            | 10      | 11    |                        |               |          | M                      |   |
| AEN05                                    | Wealth Building and Personal Finance            | 5       | 11    | FL                     |               |          | M                      |   |
| AEN10                                    | Introduction to Business                        | 5       | 11    |                        |               |          | O                      |   |
| AEN20                                    | Introduction to Entrepreneurship                | 5       | 11    |                        |               |          | M                      |   |
| AEN25                                    | Legal Issues for the Entrepreneur               | 5       | 11    |                        |               |          | M                      |   |
| AEN30                                    | Entrepreneurship Feasibility Study              | 5       | 12    |                        |               |          | M                      |   |
| AEN15                                    | College Accounting II                           | 5       | 12    |                        |               |          | M                      |   |
| AEN40                                    | Marketing for the Entrepreneur                  | 5       | 12    |                        |               |          | M                      |   |
| AEN45 A/B                                | Entrepreneurship Internship                     | 10      | 12    |                        |               |          | M                      |   |
| 0540                                     | AP Macroeconomics                               | 5       | 12    |                        | 0211          |          | O                      |   |
| 0541                                     | AP Microeconomics                               | 5       | 12    |                        | 0211          |          | O                      |   |
| AEN55                                    | Principles of Management                        | 5       | 12    |                        |               |          | M                      | Application is open to all Millard students.          |
|  | <b>Business and Logistics Management</b>        |         |       |                        | Application   |          |                        |   |
| 0007 A/B                                 | English 11                                      | 10      | 11    |                        |               | •        | M                      |   |
| ATD10                                    | Introduction to Business                        | 5       | 11    |                        |               |          | M                      |   |
| ATD01                                    | Intro. Transportation, Distribution & Logistics | 5       | 11    |                        |               |          | M                      |   |
| ATD05                                    | Industrial Safety and Health                    | 5       | 11    |                        |               |          | M                      |   |
| ATD15                                    | Introduction to Distribution                    | 5       | 11    |                        |               |          | M                      |   |
| ATD20                                    | Principles of Marketing                         | 5       | 11    |                        |               |          | M                      |   |
| ATD25                                    | Principles of Management                        | 5       | 11    |                        |               |          | M                      |   |
| ATD30                                    | Mechanical Print Reading                        | 5       | 12    |                        |               |          | M                      |   |
| ATD35                                    | Business Logistics                              | 5       | 12    |                        |               |          | M                      |   |
| ATD40                                    | Purchasing and Material Management              | 5       | 12    |                        |               |          | M                      |   |
| ATD50                                    | Production & Operations Management              | 5       | 12    |                        |               |          | M                      |   |
| ATD55 A/B                                | Business and Logistics Management Internship    | 10      | 12    |                        |               |          | M                      |   |
| ATD60                                    | College Composition and Research                | 5       | 12    | EE                     | 0004 or 0007  | •        |                        |   |
| ATD65                                    | Radio Frequency Identification                  | 5       | 12    |                        |               |          | M                      |   |

EE = English Elective

FL = Fulfills Financial Literacy Graduation Requirement

M=Metropolitan Community College

O=University of Nebraska at Omaha

## ACADEMIES AT MILLARD HIGH SCHOOLS

Academies will be offered based on student participation and availability of staff.

| Course                                   | Course Name                                       | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Dual Enrollment Credit |  |
|--|---|---------|-------|------------------------|---------------|----------|------------------------|--|
| <b>ACADEMIES IN MILLARD HIGH SCHOOLS</b> |   |         |       |                        |               |          |                        |  |
|  | <b>Education Academy</b>                          |         |       |                        | Application   |          |                        |  |
| 0007 A/B                                 | English 11  | 10      | 11    |                        |               | •        | M                      | This academy is located at Millard West High School.<br><br>Application is open to all Millard students.       |
| 0527                                     | Child Development                                 | 5       | 11    | HR                     |               |          | M                      |  |
| AED02                                    | Preschool Child Development                       | 5       | 11    |                        |               |          | M                      |  |
| AED35                                    | Professional Speaking                             | 5       | 11    | OC                     |               | •        | M                      |  |
| AED10                                    | Introduction to Professional Education            | 5       | 11    |                        |               |          | O                      |  |
| AED15                                    | Education Seminar I                               | 5       | 11    |                        |               |          |                        |  |
| 0422                                     | World Religions                                   | 5       | 11    |                        | 0408 or 0456  |          | O                      |  |
| AED20                                    | Behavior Modifications and Principles of Learning | 5       | 12    |                        |               |          | M                      |  |
| 0453                                     | AP Psychology                                     | 5       | 12    |                        | 0432          | •        | O                      |  |
| AED25                                    | Introduction to Communication Disorders           | 5       | 12    |                        |               |          | O                      |  |
| AED30                                    | Best Practices in Education                       | 5       | 12    |                        |               |          |                        |  |
| AED05                                    | College Composition and Research                  | 5       | 12    | EE                     | 0004 or 0007  | •        | M                      |  |
| AED40                                    | Education Seminar II                              | 5       | 12    |                        |               |          |                        |  |
| AED45                                    | Education Seminar III                             | 5       | 12    |                        |               |          |                        |  |
| AED50                                    | Education Practicum                               | 5       | 12    |                        |               |          |                        |  |
|  | <b>Health Sciences Academy</b>                    |         |       |                        | Application   |          |                        |  |
| AHS01                                    | Human Anatomy and Physiology                      | 10      | 11    | SE                     |               | •        | M                      | This academy is located at Keith Lutz Horizon High School.<br><br>Application is open to all Millard students. |
| AHS05                                    | Medical Terminology I                             | 5       | 11    |                        |               |          | M                      |  |
| AHS10                                    | Medical Terminology II                            | 5       | 11    |                        |               |          | M                      |  |
| AHS15                                    | Health Sciences Orientation Seminar               | 5       | 11    |                        |               |          | M                      |  |
| AHS20                                    | Introduction to Medical Law and Ethics            | 5       | 11    |                        |               |          | M                      |  |
| AHS25                                    | Nutrition in the Life Cycle                       | 5       | 11    |                        |               |          | M                      |  |
| AHS30                                    | Disease Processes                                 | 5       | 11    | SE                     |               | •        | M                      |  |
| 0432                                     | Psychology  | 5       | 12    | HR                     |               |          |                        |  |
| 0453                                     | AP Psychology                                     | 5       | 12    |                        | 0432          | •        |                        |  |
| AHS35                                    | Long Term Care/Certified Nursing Assistant        | 10      | 12    |                        |               |          | M                      |  |
| AHS40                                    | Genetics  | 5       | 12    | SE                     |               | •        | M                      |  |
| AHS45                                    | Emergency Medical Technician-Basic                | 10      | 12    |                        |               |          | M                      |  |
| AHS50                                    | Health Sciences Internship                        | 10      | 12    |                        |               |          |                        |  |
| 0035                                     | College Writing                                   | 5       | 12    |                        | 0004 or 0007  |          |                        |  |

EE = English Elective

HR = Fulfills Human Resources Graduation Requirement

OC = Fulfills Oral Communications Graduation Requirement

SE = Science Elective

M=Metropolitan Community College

O=University of Nebraska at Omaha

## BUSINESS AND ENTREPRENEURSHIP ACADEMY

Earn high school and college credit while participating in the Business and Entrepreneurship Academy. Jump-start your career by entering the workforce with specialized training. Explore how to launch a business and be your own boss. Learn how to be a profitable, innovative risk taker.

| <b>Business and Entrepreneurship Academy Course Sequence Sample</b> |                                      |                                      |                                      |
|---|--------------------------------------|--------------------------------------|--------------------------------------|
| <b>Year One</b>   |                                      | <b>Year Two</b>                      |                                      |
| <u>Semester One</u><br>(Terms 1 & 2)                                | <u>Semester Two</u><br>(Terms 3 & 4) | <u>Semester One</u><br>(Terms 1 & 2) | <u>Semester Two</u><br>(Terms 3 & 4) |
| College Accounting I  | College Accounting I                 | College Accounting II                | Entrepreneurship Feasibility Study   |
| Introduction to Business  | Wealth Building and Personal Finance | Marketing for the Entrepreneur       | Advanced Placement® Macroeconomics   |
| Introduction to Entrepreneurship                                    | Legal Issues for the Entrepreneur    | Advanced Placement® Microeconomics   | Principles of Management             |
| English 11  | English 11                           | Entrepreneurship Internship          | Entrepreneurship Internship          |

Academies will be offered based on student participation and availability of staff.

### **AEN01 COLLEGE ACCOUNTING I**

**11**                      10 Credits

**Description:** Students will study fundamental principles of accounting, including the basic accounting cycle, linkage between the journal entry and ledger account, adjusting process, internal control, merchandising, inventories, and financial reporting. Real-world illustrations are incorporated reflecting current relevant business practices.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ACCT 1100 and 1110 (9 credits) from Metropolitan Community College.

### **AEN15 COLLEGE ACCOUNTING II**

**12**                      5 credits

**Description:** This course expands a student's ability to analyze and interpret financial data. Students will broaden their understanding of assets, liabilities, and stockholders' equity accounts. Accounting II is strongly recommended for students planning college study in business fields.

**Prerequisites:** College Accounting I

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ACCT 1120 (4 credits) from Metropolitan Community College. Completion of ACCT 1100, 1110 and 1120 at Metropolitan Community College will transfer to University of Nebraska at Omaha as Accounting 2010 and 2020 (6 credits).

### **0540 ADVANCED PLACEMENT® MACROECONOMICS**

**12**                      5 Credits

**Description:** Students will study a variety of economic theories and analyze their practical application in the real world with a focus on the decision-making of individuals, businesses, and the government. Students will evaluate the economy as a whole, including economic measures, economic growth, fiscal policy, monetary policy, and international economics. Extensive mathematics skills are not required; however, the ability to analyze graphs and charts is essential. Completion of this course will prepare students to take the Advanced Placement® Macroeconomics exam.

**Prerequisites:** Alg I/Geo: Foundations 2 or Algebra I

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for Economics 2220 at the University of Nebraska at Omaha.

### **0541 ADVANCED PLACEMENT® MICROECONOMICS**

**12**                      5 Credits

**Description:** Students will study a variety of economic theories and analyze their practical application in the real world with a focus on supply and demand for products, labor markets, and the role of competition in a free market system. Extensive mathematics skills are not required; however, the ability to analyze graphs and charts is essential. Completion of this course will prepare students to take the Advanced Placement® Microeconomics exam.

**Prerequisites:** Alg I/Geo: Foundations 2 or Algebra I

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for Economics 2200 at the University of Nebraska at Omaha.

- 0007 ENGLISH 11** **11** 10 Credits  
**American Literature and Composition**  
**Description:** Through this course, students will explore how American literature reflects the identities and cultures of the United States. Students will become adept at analyzing challenging texts from a variety of genres through cultural, racial, and gender perspectives in historical and contemporary literature. By analyzing the authors' views and social context, students will delve into deeper understanding of language, literature, and the writing and research process. Students will study a variety of texts including short stories, novels, poetry, drama, fiction, non-fiction, and visual and digital texts. Students will be assessed using a variety of methods including, but not limited to, essays, presentations, and creative critical thinking activities.  
**Prerequisites:** English 10 or English 10 Literacy Enrichment  
**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ENGL 1010 (4.5 credits) from Metropolitan Community College and will transfer to University of Nebraska at Omaha as ENGL 1150 (3 credits).
- AEN30 ENTREPRENEURSHIP FEASIBILITY STUDY** **12** 5 Credits  
**Description:** Students will assess the current economic, social and political climate for the small business. Students will explain how demographic, technological, and social changes create business opportunities. Students will assess business ideals based on the student's strengths and skills, personal, professional, and financial goals. Students will test and analyze their concept through basic market research.  
**Prerequisites:** Introduction to Entrepreneurship  
**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ENTR 2040 (4.5 credits) from Metropolitan Community College and will transfer to University of Nebraska at Omaha as College of Business Administration elective (3 credits).
- AEN45 ENTREPRENEURSHIP INTERNSHIP** **12** 10 Credits  
**Description:** The student participates in a workplace readiness seminar first semester and will apply entrepreneurship principles in a business setting through an internship second semester.  
**Prerequisites:** Completion of Year I Entrepreneurship Academy courses  
**Dual Enrollment Credit:** This course is offered for dual enrollment credit for BSAD 2981 (4.5 credits) from Metropolitan Community College.
- AEN10 INTRODUCTION TO BUSINESS** **11** 5 Credits  
**Description:** This course is for students who are interested in learning the fundamentals of business and entrepreneurship. Students will learn the basics of many of the core areas that are critical in the business world. The course will cover key areas including economics, entrepreneurship, marketing, ethics, and finance through a variety of learning experiences such as a stock market simulation, lectures, quizzes, and writing a business plan.  
**Prerequisites:** None  
**Dual Enrollment Credit:** This course is offered for dual enrollment credit for BSAD 1000 (3 credits) from Metropolitan Community College.
- AEN20 INTRODUCTION TO ENTREPRENEURSHIP** **11** 5 Credits  
**Description:** The student will evaluate the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The student will understand the role of entrepreneurial businesses in the United States and the impact on our national and global economy.  
**Prerequisites:** None  
**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ENTR 1050 (4.5 credits) from Metropolitan Community College and will transfer to University of Nebraska at Omaha as AEN20 Introduction to Entrepreneurship (3 credits).
- AEN25 LEGAL ISSUES FOR THE ENTREPRENEUR** **11** 5 Credits  
**Description:** The student will explore state and local legal issues related to business entities including sole proprietorship, general partnerships, limited partnerships, and corporations. Students will review contract law, articles of incorporation and the filing process, employment law (including FEPA, ADA, and FMLA), personnel policies and procedures, the hiring process, job descriptions, and disciplinary actions.  
**Prerequisites:** None  
**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ENTR 2060 (4.5 credits) from Metropolitan Community College and will transfer to University of Nebraska at Omaha as College of Business Administration elective (3 credits).

**AEN40 MARKETING FOR THE ENTREPRENEUR****12**

5 Credits

**Description:** Students will gain insights essential for marketing their entrepreneurial venture utilizing innovative and financially responsible marketing strategies. The student will analyze marketing philosophies implemented by key successful entrepreneurs. The student will prepare a marketing plan to launch the entrepreneurial venture and implement the first two years of business operation.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ENTR 2050 (4.5 credits) from Metropolitan Community College and will transfer to University of Nebraska at Omaha as College of Business Administration elective (3 credits).

**AEN05 WEALTH BUILDING AND PERSONAL FINANCE****11**

5 Credits

**Description:** This course will provide an understanding and practical application of the theories and concepts of how to analyze and direct one's financial affairs and those of his/her family. This course fulfills the Millard Public Schools Financial Literacy Graduation Requirement.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for FINA 1100 (4.5 credits) from Metropolitan Community College and will transfer to University of Nebraska at Omaha as FNBK 2280 (3 credits).

**AEN55 PRINCIPLES OF MANAGEMENT****11**

5 Credits

**Description:** This is an introduction to the theory and practice of organizational management. Various management theories are discussed. Special attention is devoted to planning, decision making, organizing, leading, and controlling the organization.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for BSAD 2100 (4.5 credits) Principles of Management from Metropolitan Community College.

## BUSINESS AND LOGISTICS MANAGEMENT ACADEMY

Earn high school and college credits while participating in the Business and Logistics Management Academy. Jump-start your career by entering the workforce with specialized training. Join the fastest growing career field in our state. Nebraska's central location makes it an ideal location to provide services to support manufacturing and to distribute products to the nation.

| <b>Business and Logistics Management Academy Course Sequence Sample</b> |                                      |  |                                      |                                     |
|---|--------------------------------------|--|--------------------------------------|-------------------------------------|
| <b>Year One</b>   |                                      | <b>Year Two</b>                            |                                      |                                     |
| <u>Semester One</u><br>(Terms 1 & 2)                                    | <u>Semester Two</u><br>(Terms 3 & 4) | <u>Semester One</u><br>(Terms 1 & 2)       | <u>Semester Two</u><br>(Terms 3 & 4) |                                     |
| English 11  | Industrial Safety & Health           | College Composition and Research           | Production and Operations Management | Purchasing and Materials Management |
|   | Introduction to Distribution         | Mechanical Print Reading                   | Radio Frequency Identification       |                                     |
| Introduction to Business  | Principles of Marketing              | Business Logistics                         |                                      |                                     |
| Introduction to Transportation, Distribution & Logistics                | Principles of Management             | Business & Logistics Management Internship |                                      |                                     |

Academies will be offered based on student participation and availability of staff.

### 0007 ENGLISH 11

11

10 Credits

#### **American Literature and Composition**

**Description:** Through this course, students will explore how American literature reflects the identities and cultures of the United States. Students will become adept at analyzing challenging texts from a variety of genres through cultural, racial, and gender perspectives in historical and contemporary literature. By analyzing the authors' views and social context, students will delve into deeper understanding of language, literature, and the writing and research process. Students will study a variety of texts including short stories, novels, poetry, drama, fiction, non-fiction, and visual and digital texts. Students will be assessed using a variety of methods including, but not limited to, essays, presentations, and creative critical thinking activities.

**Prerequisites:** English 10 or English 10 Literacy Enrichment

### ATD60 COLLEGE COMPOSITION AND RESEARCH

12

5 Credits

**Description:** This course is designed to further develop the skills of English 11 by teaching students how to synthesize and organize primary and secondary sources for the purpose of composing a formal research paper on an educational topic using the Modern Language Association format.

**Prerequisites:** Honors English 10 or English 11

### ATD10 INTRODUCTION TO BUSINESS

12

5 Credits

**Description:** A survey of the structure and functions of the American business system is provided, together with an overview of business organization, finance, managerial control, production/distribution, personnel, the interdependence of business and government, and consumer business relations.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for BSAD 1000 (4.5 credits) Introduction to Business from Metropolitan Community College.

### ATD01 INTRODUCTION TO TRANSPORTATION, DISTRIBUTION AND LOGISTICS 11 5 Credits

**Description:** This course is an introduction to the transportation, distribution and logistics career field. Students will study planning, management and movement of people, materials and products by road, air, rail, and water.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for INCT 1100 (4.5 credits) from Metropolitan Community College.

**ATD05 INDUSTRIAL SAFETY AND HEALTH****11**

5 Credits

**Description:** This course covers the basics of industrial safety and health. Topics include lock out/tag out, confined space entry, blood-borne pathogens, hot work, ladder safety, and fall protection. Additional safe work practices and procedures are covered. Students who successfully complete this course are eligible to receive the OSHA 30 hour general industry course completion card.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for INCT 1000 (4.5 credits) Industrial Safety and Health from Metropolitan Community College.

**ATD15 INTRODUCTION TO DISTRIBUTION****11**

5 Credits

**Description:** Students interested in learning about the importance of distribution in manufacturing need a good overview of distributors and distributorships. Students will examine the role of distributors in bringing goods to market, adding value through distributor services, and tracking products from procurement through final sale and installation. Basic accounting principles and contract law necessary for distribution will also be introduced.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for INCT 1500 (4.5 credits) Introduction to Distribution from Metropolitan Community College.

**ATD20 PRINCIPLES OF MARKETING****11**

5 Credits

**Description:** This course features a survey of the distributive fields, their functions and interrelationships. The course covers pricing policies, promotional activities, marketing in special fields and market analysis.

**Prerequisites:** Introduction to Business

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for BSAD 1010 (4.5 credits) Principles of Marketing from Metropolitan Community College and will transfer to University of Nebraska at Omaha as Marketing 3310.

**ATD25 PRINCIPLES OF MANAGEMENT****11**

5 Credits

**Description:** This is an introduction to the theory and practice of organizational management. Various management theories are discussed. Special attention is devoted to planning, decision making, organizing, leading, and controlling the organization.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for BSAD 2100 (4.5 credits) Principles of Management from Metropolitan Community College and will transfer to University of Nebraska at Omaha as Management 3490.

**ATD30 MECHANICAL PRINT READING****12**

5 Credits

**Description:** This course is directed toward the development of skills required for visualizing and interpreting industrial prints and freehand technical sketching. Topics include print identification, drafting and print reading procedures, machining specifications, geometric dimensioning and tolerancing, elements of welding symbols, symbols used in fluid power diagrams and applied mathematics.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit PRMA 1050 (4 credits) Print Reading from Metropolitan Community College.

**ATD35 BUSINESS LOGISTICS****12**

5 Credits

**Description:** Business Logistics is the study of the acquisition, storage, use, packaging, transportation and distribution of materials and products. Topics covered include management of materials and physical distribution; transportation choices, regulation and rates; traffic management; product storage, warehousing, handling and packaging; inventory management; acquisition and production scheduling; order entry and processing; logistics systems design and operation; and international logistics.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for BSAD 2400 (4.5 credits) Business Logistics from Metropolitan Community College.

**ATD40 PURCHASING AND MATERIALS MANAGEMENT** 12 5 Credits

**Description:** This course acquaints the student with the theory and applications of purchasing and materials management concepts. The course content includes purchasing organization and administration, quality management, supplier relations, negotiations, legal considerations, logistics, international and governmental procurement, and strategic incentives.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for BSAD 2410 (4.5 credits) Purchasing and Materials Management from Metropolitan Community College.

**ATD50 PRODUCTION AND OPERATIONS MANAGEMENT** 12 5 Credits

**Description:** Students will study the fundamentals of production and operations management used in service and manufacturing organizations. The student is introduced to the application of effective production and operations management techniques; the measurement of productivity and customer service; the planning and management of materials, manpower, and capacity; and the concepts of quality and project management.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for BSAD 2420 (4.5 credits) Production and Operations Management from Metropolitan Community College.

**ATD55 BUSINESS AND LOGISTICS MANAGEMENT INTERNSHIP** 12 10 Credits

**Description:** The internship provides the student with the opportunity to apply his/her knowledge, learn new techniques and get on-the-job training at an approved work site. Students will work 10-12 hours per week.

**Prerequisites:** Year 1 - Business and Logistics Courses

**ATD65 RADIO FREQUENCY IDENTIFICATION** 12 5 Credits

**Description:** This course provides the student with the background knowledge needed to install and support the growing radio frequency identification (RFID) market. Students learn to plan, install, maintain, update, and optimize RFID systems through critical thinking and problem solving with hands-on experience using RFID technology.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ELEC 1300 (4.5 credits) Radio Frequency Identification from Metropolitan Community College.

## EDUCATION ACADEMY

Earn high school and college credit while participating in the Education Academy. Jump-start your career by entering the workforce with specialized training. Teachers are retiring, and schools will need teachers nationwide.

| <b>Education Academy Course Sequence Sample</b> |  |   |  |
|---|--|---|--|
| <b>Year One</b>                                 |  | <b>Year Two</b>                         |  |
| <u>Semester One</u><br>(Terms 1 & 2)            | <u>Semester Two</u><br>(Terms 3 & 4)   | <u>Semester One</u><br>(Terms 1 & 2)    | <u>Semester Two</u><br>(Terms 3 & 4)             |
| English 11                                      | Professional Speaking                  | Introduction to Communication Disorders | Behavior Modification and Principles of Learning |
|   | Introduction to Professional Education | College Composition and Research        | Education Seminar II                             |
| Child Development                               | World Religions                        | Advanced Placement® Psychology          | Education Seminar III                            |
| Preschool Child Development                     | Education Seminar I                    | Best Practices in Education             | Education Practicum                              |

Academies will be offered based on student participation and availability of staff.

### **0453 ADVANCED PLACEMENT® PSYCHOLOGY** **12**      5 Credits

**Description:** Students will continue to focus on the concepts started in Psychology. Students will further evaluate the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will examine the psychological facts, principles, and phenomena associated with the major subfields of psychology. Completion of this course will prepare students to take the Advanced Placement® Psychology exam.

**Prerequisites:** Psychology

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for PSYCH 1010 from University of Nebraska at Omaha (3 credits).

### **AED20 BEHAVIOR MODIFICATION AND PRINCIPLES OF LEARNING** **12**      5 Credits

**Description:** This course will expose the student to the history and various theoretical approaches to the study of learning and behavior modification. The student will have opportunities to learn applied behavior modification techniques including observing and recording behavior as well as formulating and writing behavioral objectives. This course will also include an examination of motivation, attitude formation and cognitive intervention approaches.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for PSYCH 2140 (4.5 credits) from Metropolitan Community College and will transfer to University of Nebraska at Omaha as a College of Education elective.

### **AED30 BEST PRACTICES IN EDUCATION** **12**      5 Credits

**Description:** In this course, students will review the most recent research on best practices in education focusing on planning, instruction, assessment and classroom environment. Students will learn the components of an effective lesson and create and teach their own lesson using these components.

**Prerequisites:** None

### **0527 CHILD DEVELOPMENT** **11**      5 Credits

**Description:** Students will explore the physical, social, emotional, and intellectual factors that relate to the developing child from prenatal to age 5. This course will develop personal skills while also preparing students for child-related career fields by interacting with children, learning from guest speakers, and participating in problem-based scenarios. Students considering participating in the Education Academy should not take this course in 9th or 10th grade. This course fulfills the Human Resources Graduation Requirement.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ECED 1150 (4.5 credits) from Metropolitan Community College. Completion of this course will transfer to University of Nebraska at Omaha as a College of Education elective course TED 2250 (3 credits).

**AED02 PRESCHOOL CHILD DEVELOPMENT** 11 5 Credits

**Description:** This course will provide an orientation to a preschool experience in early childhood education. Students will focus on typical and atypical development of the child ages three to five years in the domains of physical growth and motor skills, cognition and language, and social/emotional development. This course will include field experiences within the early childhood education setting.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ECED 1120 (4.5 credits) from Metropolitan Community College. Completion of this course will transfer to University of Nebraska at Omaha as a College of Education elective course.

**AED50 EDUCATION PRACTICUM** 12 5 Credits

**Description:** Students will participate in a field experience. Students will create and deliver lessons to students in an educational setting. Students will be under the supervision of both a Millard West faculty member and the classroom teacher at the practicum location.

**Prerequisites:** Education Seminar II

**AED15 EDUCATION SEMINAR I** 11 5 Credits

**Description:** Students will study and discuss issues that impact education today. Students will also observe and reflect on teaching practices of professionals in the field. They will use the information they gain to begin writing their own educational philosophy and belief statements.

**Prerequisites:** Introduction to Education

**AED40 EDUCATION SEMINAR II** 12 5 Credits

**Description:** Students will further study and discuss issues that impact education today. Students will strengthen their own philosophy and belief statements about education. Students will observe and reflect on teaching practices in a variety of educational settings.

**Prerequisites:** Best Practices in Education

**AED45 EDUCATION SEMINAR III** 12 5 Credits

**Description:** Students will prepare to apply for admissions to a teacher's college. Part of this preparation will include creating a portfolio of their major learnings in the Education Academy. This portfolio will include their finalized teaching philosophy and belief statements. Students will also prepare for a practicum experience in a selected area of focus.

**Prerequisites:** Education Seminar II

**0007 ENGLISH 11** 11 10 Credits**American Literature and Composition**

**Description:** Through this course, students will explore how American literature reflects the identities and cultures of the United States. Students will become adept at analyzing challenging texts from a variety of genres through cultural, racial, and gender perspectives in historical and contemporary literature. By analyzing the authors' views and social context, students will delve into deeper understanding of language, literature, and the writing and research process. Students will study a variety of texts including short stories, novels, poetry, drama, fiction, non-fiction, and visual and digital texts. Students will be assessed using a variety of methods including, but not limited to, essays, presentations, and creative critical thinking activities.

**Prerequisites:** English 10 or English 10 Literacy Enrichment

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ENGL 1010 and ENGL 2510 (4.5 credits) from Metropolitan Community College and will transfer to University of Nebraska at Omaha as ENGL 1150 and ENGL 2450 (3 credits).

**AED25 INTRODUCTION TO COMMUNICATION DISORDERS** 12 5 Credits

**Description:** This course is designed to introduce students to the fields of speech-language pathology, audiology, and education of the deaf/hearing impaired. The course is an overview of normal development of speech, language and hearing and the disorders of human communication in children and adults.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for SPED 1400 (3 credits) from University of Nebraska at Omaha.

**AED10 INTRODUCTION TO PROFESSIONAL EDUCATION** **11** 5 Credits

**Description:** The course will provide an introduction to the education profession through career exploration and initial exposure to the dynamics of K-12 classroom teaching. The course will provide an overview of ethics, professionalism, pre-service preparation, societal influences, classroom practices, and the governance structures which impact teachers and schools. The course has a required field experience.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for TED 1010 from University of Nebraska at Omaha (3 credits).

**AED35 PROFESSIONAL SPEAKING** **11** 5 Credits

**Description:** This course is designed to instruct students how to speak effectively in public. The students will compare and contrast the characteristics of informative, persuasive and entertainment speeches, and support these speeches with credible research and creative language. Students will practice speaking in front of educational audiences such as parents, students, and colleagues. This course also satisfies the Oral Communications Graduation Requirement.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for SPCH 1110 (4.5 credits) from Metropolitan Community College and will transfer to University of Nebraska at Omaha as SPCH 1110.

**AED05 COLLEGE COMPOSITION AND RESEARCH** **12** 5 Credits

**Description:** This is a course designed to prepare students for independent research and writing at the collegiate level. Students will learn the proper method for organizing, researching, and writing a formal research paper. This class is suited for independent workers and motivated students. Organization skills and time management are important when working to meet deadlines for this course.

**Prerequisites:** Honors English 10 or English 11

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ENGL 1020 (4.5 credits) from Metropolitan Community College and will transfer to University of Nebraska at Omaha as ENGL 1160 (3 credits).

**0422 WORLD RELIGIONS** **11** 5 Credits

**Description:** This course is an introduction to the religions of the world. This course will examine and compare beliefs, philosophies of man, and thoughts about certain religions. This course will develop an appreciation of the complex history of these religions and man's place in the universe.

**Prerequisites:** World Geography or AP Human Geography

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for RELI 1010 (3 credits) from the University of Nebraska at Omaha.

## HEALTH SCIENCES ACADEMY

Earn high school and college credit while participating in the Health Sciences Academy. Jump-start your career by entering the workforce with specialized training. Nebraska will continue to need more health care practitioners and health care support specialists. Earn Certified Nursing Assistant and Emergency Medical Technician credentials.

| <b>Health Sciences Academy Course Sequence Sample</b> |   |  |                                    |                       |                      |
|---|---|--|------------------------------------|-----------------------|----------------------|
| <b>Year One</b>                                       |   | <b>Year Two</b>                            |                                    |                       |                      |
| <u>Semester One</u><br>(Terms 1 & 2)                  | <u>Semester Two</u><br>(Terms 3 & 4)  | <u>Semester One</u>                        | <u>Semester Two</u>                | <u>Semester Three</u> | <u>Semester Four</u> |
| Human Anatomy & Physiology for Health Sciences        | Health Sciences Orientation Seminar:<br><ul style="list-style-type: none"> <li>• Cardiopulmonary Resuscitation</li> <li>• Heart Saver First Aid/AED</li> <li>• Foundations of Health Careers</li> </ul> | Long Term Care/Certified Nursing Assistant | Emergency Medical Technician-Basic | Genetics              | College Writing      |
|   | Medical Terminology II  |  |                                    |                       |                      |
| Medical Terminology I                                 | Nutrition in the Life Cycle   |  |                                    | Psychology            | AP Psychology        |
| Introduction to Medical Law & Ethics                  | Disease Processes   | Health Sciences Internship                 | Health Sciences Internship         |                       |                      |

Academies will be offered based on student participation and availability of staff.

### 0432 PSYCHOLOGY

**11-12**

5 Credits

**Description:** Students will research the discipline of Psychology as the scientific study of the individual and his/her behavior by connecting psychology to the world. This course fulfills the Human Resources Graduation Requirement.

**Prerequisites:** None

### 0453 ADVANCED PLACEMENT® PSYCHOLOGY

**12**

5 Credits

**Description:** Students will continue to focus on the concepts started in Psychology. Students will further evaluate the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will examine the psychological facts, principles, and phenomena associated with the major subfields of psychology. Completion of this course will prepare students to take the Advanced Placement® Psychology exam.

**Prerequisites:** Psychology

### AHS01 HUMAN ANATOMY AND PHYSIOLOGY FOR HEALTH SCIENCES

**11**

10 Credits

**Description:** This survey course includes all systems of the human body emphasizing the relationship between structure and function. It is intended for certificate-seeking students in MCC programs; transfer elsewhere as anatomy/physiology credit is not assured. This course includes both lecture and lab components. This course fulfills science elective credit.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for BIOS 1310 (5 credits) Survey of Human Anatomy and Physiology from Metropolitan Community College.

### AHS05 MEDICAL TERMINOLOGY I

**11**

5 Credits

**Description:** This course assists the student in establishing a solid foundation of medical terminology and abbreviations. Prefixes, suffixes, and word roots used in the language of medicine are introduced. Emphasis is placed on understanding the medical vocabulary as it applies to the anatomy, physiology, and pathology of the human body. The functioning of the body systems, clinical/surgical procedures, and therapies are studied. Normal, pathological, clinical, and laboratory considerations are examined in order to best prepare the student for entrance into the health care professions. Emphasis is also placed on correct spelling and pronunciation.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HIMS 1120 (4.5 credits) Medical Terminology I from Metropolitan Community College.

**AHS10 MEDICAL TERMINOLOGY II****11**

5 Credits

**Description:** This course is a continuation of Medical Terminology I. Additional body systems, specialty medical areas, clinical procedures, laboratory tests, medical terms, and abbreviations are presented. Practical applications with case reports, operative and diagnostic tests, and laboratory and x-ray reports are studied. Upon completion, students should be able to pronounce, spell, and define a wide array of medical terms related to the human body.

**Prerequisites:** Medical Terminology I

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HIMS 1130 (4.5 credits) Medical Terminology II from Metropolitan Community College.

**AHS15 HEALTH SCIENCES ORIENTATION SEMINAR****11**

5 Credits

**Description:** This is a block course to provide the foundation skills for the health science sequence. Students will complete the following short courses to fulfill Metropolitan Community College requirements.

**Prerequisites:** None

- **CARDIOPULMONARY RESUSCITATION AND HEART SAVER FIRST AID/AED**

**Description:** The participant will learn how to recognize and respond to life-threatening emergencies such as cardiac arrest, respiratory arrest, and foreign-body airway obstruction (choking). The student will learn to recognize heart attack and stroke symptoms in adults and breathing difficulty in children. This course teaches the skills needed to respond to the emergencies identified. The participant will learn the skills of CPR for victims of all ages (including ventilation with barrier devices and bag-mask devices), use of an automated external defibrillator (AED), and relief of foreign-body airway obstruction.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for EMSP 1000 (1 credit) Cardiopulmonary Resuscitation and EMSP 1010 (1 credit) Heart Saver First Aid/AED from Metropolitan Community College.

- **FOUNDATIONS OF HEALTH CAREERS**

**Description:** This course is an overview of the fields of healthcare systems, career pathways, emergency management, basic concepts of biology, and related fields. Topics addressed will include implications of science and technology in society, appropriate communication styles/behaviors, employability skills, medical law and ethics, OSHA standards, fundamentals of wellness and disease prevention, first aid, and understanding the role of self/others and relations within a healthcare team in a diverse society.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HLTH 1015 (4.5 credits) Foundations of Health Careers from Metropolitan Community College.

**AHS20 INTRODUCTION TO MEDICAL LAW AND ETHICS****11**

5 Credits

**Description:** This course gives students a foundation into the federal and state laws of the medical profession and ethical issues associated with working in a healthcare setting. HIPAA (Health Insurance Portability and Accountability Act) regulations are explored in detail. Topics include professional, social, and interpersonal health care issues. Coverage also includes identification of measures to promote confidentiality as major changes occur in electronic health care record technology. Investigation of techniques to maintain office safety as well as the safety and confidentiality of patients and medical records is also included.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HIMS 1150 (4.5 credits) Introduction to Medical Law and Ethics from Metropolitan Community College.

**AHS25 NUTRITION IN THE LIFE CYCLE****11**

5 Credits

**Description:** Nutrition represents an important health concern throughout the life cycle. This course includes human nutrition, introduction to therapeutic and modified diets, nutrition in healthcare through the life cycle and drug-nutrient interactions, nutritional assessment and analysis. This course also covers gastrointestinal, cardiovascular, respiratory and endocrine systems as related to medical nutrition therapy.

**Prerequisites:** Biology, Human Anatomy and Physiology

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HLTH 1050 (4.5 credits) Nutrition in the Life Cycle from Metropolitan Community College.

**AHS30 DISEASE PROCESSES****11**

5 Credits

**Description:** This course is an introduction to the fundamentals of human disease processes. The student gains knowledge in the study of the nature and description of disease, of etiology, signs and symptoms, diagnostic evaluation procedures, complications, treatment, management, prognosis, and prevention of disease. The coverage of diseases is organized by major body systems. Bacteriology as related to health, immunology, and infectious diseases is also explored. The student applies the knowledge learned and utilizes critical-thinking and problem-solving skills through the utilization of case studies and team activities. This course fulfills Science elective credit.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HIMS 1180 (4.5 credits) Disease Processes from Metropolitan Community College.

**AHS35 LONG-TERM CARE/CERTIFIED NURSING ASSISTANT (CNA)****12**

10 Credits

**Description:** The course is designed to meet the Nebraska Health and Human Services System training requirements for nursing assistant certification and employment in long term care facilities. The course combines classroom lecture, laboratory application, and clinical experience for development of basic skills needed to care for the elderly. Course content will focus on teaching the nursing assistant to provide safe, effective, and caring services to the elderly or chronically ill patient of any age in a long term care facility.

**Prerequisites:** Mantoux PPD Skin Test (Tuberculosis Test) within 12 months; Student Liability Insurance \$14.50

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HLTH 1200 (6.5 credits) Long Term Care/Certified Nursing Assistant from Metropolitan Community College.

**AHS40 GENETICS****12**

5 Credits

**Description:** Many of the advances taking place in biology and medicine require a good understanding of genetics. Both classical and modern genetics are discussed in this course. This course fulfills Science elective credit.

**Prerequisites:** Biology

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HLTH 2010 (4.5 credits) Genetics from Metropolitan Community College.

**AHS45 EMERGENCY MEDICAL TECHNICIAN (EMT) - BASIC****12**

10 Credits

**Description:** The Emergency Medical Technician course provides an introduction to emergency medical care. Modules of training include medical-legal, roles and responsibilities of the EMT, documentation and communication, human body, medical terminology, lifting and moving, airway management basic and advanced, patient assessment, medical and trauma, medical emergencies, treatment and use of assisted medications and IV maintenance, bleeding control and shock, trauma emergencies, use of immobilization devices, obstetrical emergencies, childbirth, pediatrics and children's emergencies, ambulance operations, hazardous materials, mass casualty, and triage.

**Prerequisites:** CPR Certification

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HLTH 1101 EMT-Basic (7.5 credits) from Metropolitan Community College.

**AHS50 HEALTH SCIENCES INTERNSHIP****12**

10 Credits

**Description:** This internship provides the student the opportunity to apply his/her knowledge in a clinical setting. Students will work 10-12 hours per week.

**Prerequisites:** Concurrently enrolled in AHS35 Long-Term Care/Certified Nursing Assistant (CNA) or AHS45 Emergency Medical Technical (EMT)-Basic

**0035 COLLEGE WRITING****12**

5 Credits

**Description:** College Writing is a course designed to prepare students for writing and independent research at the collegiate level. Practice in academic inquiry and the proper method for organizing, researching, and writing a formal research paper are emphasized in this course. Because organizational skills and time management are important when working to meet deadlines for this course, this class is best suited for independent workers and motivated students.

**Prerequisites:** Honors English 10 or English 11

## ADVANCED PLACEMENT® COURSES

| Course                     | Course Name                              | Credits | Grade | Graduation Requirement | Prerequisites       | ACT Core | Horizon High School | North High School | South High School | West High School |
|----------------------------|--|---------|-------|------------------------|---------------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>ADVANCED PLACEMENT®</b> |  |         |       |                        |                     |          |                     |                   |                   |                  |
| 0047 A/B                   | AP English Language and Composition      | 10      |       |                        | 0004 or 0007        | •        |                     | •                 | •                 | •                |
| 0048 A/B                   | AP English Literature and Composition    | 10      |       |                        | 0004 or 0007        | •        |                     | •                 | •                 | •                |
| 0119 A/B                   | AP German Language and Culture           | 10      |       |                        | 0118                |          |                     | •                 | •                 | •                |
| 0139 A/B                   | AP French Language and Culture           | 10      |       |                        | 0137                |          |                     | •                 | •                 | •                |
| 0159 A/B                   | AP Spanish Language and Culture          | 10      |       |                        | 0158                |          |                     | •                 | •                 | •                |
| 0172 A/B                   | AP Latin                                 | 10      |       |                        | 0164                |          |                     | •                 |                   |                  |
| 0243 A/B                   | AP Statistics                            | 10      |       |                        | 0231                | •        |                     | •                 | •                 | •                |
| 0252 A/B                   | AP Calculus AB                           | 10      |       |                        | 0238, 0239          | •        |                     | •                 | •                 | •                |
| 0253 A/B                   | AP Calculus BC                           | 10      |       |                        | 0239                | •        |                     | •                 | •                 | •                |
| 0257A/B                    | AP Computer Science A                    | 10      | 10-12 |                        | 0563                |          |                     | •                 | •                 | •                |
| 0565 A/B                   | AP Computer Science Principles           | 10      |       |                        | 0204 or 0211        |          |                     | •                 | •                 | •                |
| 0347 A/B                   | AP Environmental Science                 | 10      |       |                        | 0327 †              | •        |                     | •                 | •                 | •                |
| 0370 A/B                   | AP Chemistry                             | 10      |       |                        | 0231 †              | •        |                     | •                 | •                 | •                |
| 0377 A/B                   | AP Biology                               | 10      |       |                        | 0327, 0334          | •        |                     | •                 | •                 | •                |
| 0383 A/B                   | AP Physics 1: Algebra-Based              | 10      | 10-12 | P                      | 0231 or 0233†, 0327 | •        |                     | •                 | •                 | •                |
| 0384 A/B                   | AP Physics 2: Algebra-Based              | 10      |       |                        | 0352, 0383†         | •        |                     | •                 | •                 | •                |
| 0415                       | AP United States Government and Politics | 5       | 11-12 |                        |                     | •        |                     | •                 | •                 | •                |
| 0424 A/B                   | AP World History                         | 10      | 10-12 |                        |                     | •        |                     | •                 | •                 | •                |
| 0450 A/B                   | AP United States History                 | 10      | 11-12 |                        |                     | •        |                     | •                 | •                 | •                |
| 0451 A/B                   | AP European History                      | 10      |       |                        | 0408 or 0456        | •        |                     | •                 | •                 | •                |
| 0453                       | AP Psychology                            | 5       |       |                        | 0432                | •        |                     | •                 | •                 | •                |
| 0456 A/B                   | AP Human Geography                       | 10      |       |                        | 0412 †              | •        |                     | •                 | •                 | •                |
| 0457                       | AP Comparative Government and Politics   | 5       |       |                        | 0420 or 0424        | •        |                     | •                 | •                 | •                |
| 0540                       | AP Macroeconomics                        | 5       |       |                        | 0211                |          |                     | •                 | •                 | •                |
| 0541                       | AP Microeconomics                        | 5       |       |                        | 0211                |          |                     | •                 | •                 | •                |
| 0799                       | AP Music Theory                          | 5       |       |                        | 0798                |          |                     | •                 | •                 | •                |

P = Fulfills Physics Graduation Requirement

† = See course descriptions for additional requirements.

Individual course descriptions are included within each department.



The Advanced Placement® program is an endeavor among secondary schools, colleges, and universities. AP courses provide students with the opportunity to take college-level courses in a high school setting. Based on performance on AP examinations, students may earn college credit, advanced placement at college or university, or both. This provides students the opportunity to reduce college tuition and graduate from college earlier. Research indicates that students who take an AP course and exam perform better in college than students who have not, even if only a 1 or 2 is earned (5 being the highest score).

Millard Public Schools began building an Advanced Placement® culture during the 2005-2006 school year as a result of the 2004 District Strategic Plan. As the district moved into the next phase of creating an AP culture, we highly encouraged all students to take at least one AP course and exam during their high school experience. In an effort to eliminate a potential financial barrier for students, the MPS Foundation continues their commitment to support the AP culture by contributing to AP exam fees not funded through UNO Dual Enrollment course registration. We thank the MPS Foundation and their donors for supporting this worthwhile endeavor as our students continue to strive toward completing the most rigorous courses during their high school years.

## AIR FORCE JUNIOR RESERVE OFFICER TRAINING CORPS (AFJROTC)

*Students interested must transfer to Millard South High School.*

| Course   | Course Name                                      | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core |  |
|--|--|---------|-------|------------------------|---------------|----------|--|
| <b>AIR FORCE JUNIOR RESERVE OFFICER TRAINING CORPS (AFJROTC)</b> |  |         |       |                        |               |          |  |
|  | Cadet Year 1                                     |         |       |                        |               |          | The AFJROTC is located at Millard South High School. |
| AS100  | A Journey into Aviation History                  | 5       |       |                        |               |          |  |
| LE100  | Citizenship, Character and Air Force Tradition   | 5       |       | PE                     |               |          |  |
| AS220  | Cultural Studies: An Intro to Global Awareness   | 5       |       | WG                     |               |          |  |
|  | Cadet Year 2                                     |         |       |                        |               |          | Within District transfer is required to participate. |
| AS200  | The Science of Flight: A Gateway to New Horizons | 5       |       | SE                     |               |          |  |
| LE200  | Communication, Awareness and Leadership          | 5       |       |                        |               |          |  |
|  | Cadet Year 3                                     |         |       |                        |               |          |  |
| AS300  | Exploring Space: The High Frontier               | 5       |       |                        |               |          | Within District transfer is required to participate. |
| LE300  | Life Skills and Career Opportunities             | 5       |       | FL                     |               |          |  |
|  | Cadet Year 4                                     |         |       |                        |               |          |  |
| AS400  | Management of the Cadet Corps                    | 5       | 11-12 |                        |               |          |  |
| LE400  | Principles of Management                         | 5       |       |                        |               |          |  |

FL = Fulfills Financial Literacy Graduation Requirement

PE = Fulfills Physical Education Graduation Requirement

SE = Science Elective

WG = Fulfills World Geography Graduation Requirement

The AFJROTC is designed to instill the values of citizenship through service and character development within a rich academic and service-oriented curriculum. Each AFJROTC program includes three components: aerospace science, leadership education, and wellness. AFJROTC Cadets completing the program also develop life-long leadership and decision-making skills and strategies. In addition to courses, students could have the opportunity to participate in drills, ceremonies, and community service activities outside of the regular school day.

To participate in AFJROTC students must meet the following expectations:

- Wear the regulation AFJROTC uniform ONLY on those occasions prescribed by the Aerospace Science instructors.
- Meet personal grooming standards established by the Air Force (including haircuts).
- Meet the standards of attitude, behavior, and courtesy established and taught by the instructors.

### **AS100 A JOURNEY INTO AVIATION HISTORY**

5 Credits

**Description:** Cadets will focus on the history of aviation focusing on the development of flight throughout the centuries with an emphasis on civilian and military contributions including development, modernization, and transformation of the Air Force. Must be taken concurrently with LE100 Citizenship, Character and Air Force Tradition.

**Credit Earned:** Elective

### **LE100 CITIZENSHIP, CHARACTER AND AIR FORCE TRADITION**

5 Credits

**Description:** Cadets will be introduced to the importance of AFJROTC history, mission, purpose, goals, and objectives while practicing elements of good citizenship. This course includes Cadet and Air Force organizational structures; uniform wear; customs, courtesies, and other military traditions; health, wellness and fitness activities; stress management; and individual self-control. Must be taken concurrently with AS100 Journey into Aviation History.

**Credit Earned:** Successful completion of this course fulfills 5 credits toward the Physical Education Graduation Requirement.

**AS200 THE SCIENCE OF FLIGHT: A GATEWAY TO NEW HORIZONS**

5 Credits

**Description:** Cadets will explore how planes fly, the impact of weather conditions on flights, flight and the human body, and navigation. This course applies mathematics, physics, and other science-related aspects. Must be taken concurrently with LE200 Communication Awareness and Leadership.

**Credit Earned:** Science Elective

**LE200 COMMUNICATION, AWARENESS, AND LEADERSHIP**

5 Credits

**Description:** Cadets will practice effective communication skills and Cadet Corps activities. Understanding dynamics of groups and teams, preparing for leadership, solving conflicts and problems, and a focus on personal development are components of this course. Must be taken concurrently with AS200 The Science of Flight: A Gateway to New Horizons.

**Credit Earned:** Elective

**AS220 CULTURAL STUDIES: AN INTRODUCTION TO GLOBAL AWARENESS**

5 Credits

**Description:** Cadets will focus on world affairs and cultural awareness through the study of history, geography, world religions, social issues, economics, political systems, environmental concerns, and human rights while examining six major regions of the world.

**Credit Earned:** Successful completion of AS220 would fulfill the 0408 World Geography Graduation Requirement.

**AS300 EXPLORING SPACE: THE HIGH FRONTIER**

5 Credits

**Description:** Cadets will learn the history of astronomy and space environment from the earliest days of space into modern astronomy with an in-depth study of the earth, stars, moon, and the solar system. The discussion of issues critical to travel in the upper atmosphere, investigations of the importance of entering space and on concepts surrounding spaceflight, space vehicles, launch systems, and space missions are included within this course.

**Credit Earned:** Elective

**AS400 MANAGEMENT OF THE CADET CORPS**

5 Credits

**Description:** Cadets will apply theories and techniques learned in previous leadership courses while participating in hands-on application of planning, organizing, coordinating, and directing through leadership experiences. Students will practice communication, decision-making, social interaction, managerial, and organizational skills throughout this course.

**Credit Earned:** Elective

**LE300 LIFE SKILLS AND CAREER OPPORTUNITIES**

5 Credits

**Description:** Cadets will study how to become fiscally responsible while learning how to save, invest, spend money wisely, and avoid the credit trap. Students will increase their knowledge of contracts, leases, warranties, legal notices, personal bills, and practical and money-saving strategies for real-life issues. Cadets will explore career paths and understand requirements needed to be successful beyond high school.

**Credit Earned:** Successful completion of this course fulfills the Financial Literacy Graduation Requirement.

**LE400 PRINCIPLES OF MANAGEMENT**

5 Credits

**Description:** Cadets will be exposed to the fundamentals of management by studying the history of management while applying the skills and strategies needed to serve in leadership positions within the corps. Studies will include ethical dilemmas, case studies, and activities based on real life experiences while students practice what they learn.

**Credit Earned:** Elective

## EARLY COLLEGE

*Students interested must transfer to Millard South High School.*

Students enrolled in Early College earn a Millard diploma while also fulfilling the requirements for an Associate of Arts degree at Metropolitan Community College. Students may transfer this degree to the University of Nebraska system to fulfill many of the general education requirements for a Bachelor's degree. Students must submit an application and be accepted to participate. The Early College Program is open to all high school students within the District regardless of their home school assignment. Students accepted to participate in the Early College Program will attend Millard South High School. The Millard courses listed below are approved for dual enrollment at Metropolitan Community College.

| Course               | Course Name                               | Credits | Grade | Graduation Requirement | Prerequisites       | ACT Core | Dual Enrollment Credit |
|----------------------|---|---------|-------|------------------------|---------------------|----------|------------------------|
| <b>EARLY COLLEGE</b> |   |         |       |                        |                     |          |                        |
| <b>9th Grade</b>     |   |         |       |                        |                     |          |                        |
| Application          |   |         |       |                        |                     |          |                        |
| 0327 A/B             | Biology                                   | 10      | 9     |                        |                     | •        | M                      |
| 0456 A/B             | AP Human Geography                        | 10      |       |                        | †                   | •        |                        |
| 0561                 | Information Technology Applications       | 5       |       |                        |                     |          | M                      |
| PD80                 | Academic Seminar                          | 5       |       |                        |                     |          | M                      |
| 0154 A/B             | Honors Spanish II                         | 10      |       |                        | 0152                |          | M                      |
| <b>10th Grade</b>    |   |         |       |                        |                     |          |                        |
| Application          |   |         |       |                        |                     |          |                        |
| 0004 A/B             | Honors English 10                         | 10      |       |                        | 0003                | •        | M                      |
| 0334 A/B             | Chemistry                                 | 10      |       | C                      | 0211, 0327          | •        | M                      |
| 0420 A/B             | World History or                          | 10      | 10-12 |                        |                     | •        | M                      |
| 0424 A/B             | AP World History                          | 10      | 10-12 |                        |                     | •        | M                      |
| 0720                 | Drawing or                                | 5       |       |                        | 0705                |          | M                      |
| 0020                 | Speech                                    | 5       |       | OC                     |                     | •        | M                      |
| 0136 A/B             | Honors French III                         | 10      |       |                        | 0133 or 0134        |          | M                      |
| 0156 A/B             | Honors Spanish III                        | 10      |       |                        | 0153 or 0154        |          | M                      |
| <b>11th Grade</b>    |   |         |       |                        |                     |          |                        |
| Application          |   |         |       |                        |                     |          |                        |
| 0007 A/B             | English 11                                | 10      |       |                        | 0002 or 0060        | •        | M                      |
| 0231 A/B             | Algebra II                                | 10      |       |                        | 0220                | •        | M                      |
| 0243 A/B             | AP Statistics                             | 10      |       |                        | 0231                | •        | M                      |
| 0233 A/B             | Honors Algebra II                         | 10      |       |                        | 0221                | •        | M                      |
| 0383 A/B             | AP Physics 1: Algebra-Based               | 10      | 10-12 | P                      | 0231 or 0233†, 0327 |          | M                      |
| 0138 A/B             | Honors French IV/French V                 | 10      |       |                        | 0136 or 0137        |          | M                      |
| 0114 A/B             | Honors German II or                       | 10      |       |                        | 0112                |          | M                      |
| 0158 A/B             | Honors Spanish IV/Spanish V               | 10      |       |                        | 0156 or 0157        |          | M                      |
| 0747                 | Music Connections                         | 5       |       | F                      |                     |          | M                      |
| <b>12th Grade</b>    |   |         |       |                        |                     |          |                        |
| Application          |   |         |       |                        |                     |          |                        |
| 0035                 | College Writing                           | 5       |       |                        | 0004 or 0007        | •        | M                      |
| 0048 A/B             | AP English Literature and Composition     | 10      | 12    |                        | 0004 or 0007        |          | M                      |
| 0244 A/B             | College Algebra or                        | 10      |       |                        | 0231                | •        | M                      |
| 0238 A/B             | Precalculus or                            | 10      |       |                        | 0231                | •        | M                      |
| 0239 A/B             | Honors Precalculus                        | 10      |       |                        | 0233                | •        | M                      |
| 0252 A/B             | AP Calculus AB                            | 10      |       |                        | 0238 or 0239        | •        | M                      |
| 0253 A/B             | AP Calculus BC                            | 10      |       |                        | 0239                | •        | M                      |
| 0254 A/B             | Calculus III/Differential Equations *     | 10      |       |                        | 0253                | •        | M                      |
| 0414                 | United States Government and Economics    | 5       | 11-12 |                        | 0420 or 0424        | •        | M                      |
| 0415                 | AP United States Government and Economics | 5       | 11-12 |                        | 0420 or 0424        | •        | M                      |
| 0450 A/B             | AP United States History                  | 10      | 11-12 |                        | 0420 or 0424        |          | M                      |
| 0453                 | AP Psychology                             | 5       |       |                        | 0432                |          | M                      |
| 0540                 | AP Macroeconomics                         | 5       |       |                        | 0204 or 0211        |          | M                      |
| 0541                 | AP Microeconomics                         | 5       |       |                        | 0204 or 0211        |          | M                      |
| 0139 A/B             | AP French Language and Culture            | 10      |       |                        | 0138                |          | M                      |
| 0118 A/B             | Honors German IV/German V                 | 10      |       |                        | 0116 or 0117        |          | M                      |
| 0119 A/B             | AP German Language and Culture            | 10      |       |                        | 0118                |          | M                      |
| 0159 A/B             | AP Spanish Language and Culture           | 10      |       |                        | 0158                |          | M                      |

This program is located at Millard South High School.

Within District transfer is required to participate.

Application is open to all Millard students.

C = Fulfills Chemistry Graduation Requirement

F = Fulfills Fine and Performing Arts Requirement

OC = Fulfills Oral Communications Graduation Requirement

P = Fulfills Physics Graduation Requirement

M=Metropolitan Community College

† = See course descriptions for additional requirements

## EARLY COLLEGE

*Dual Enrollment Credit statements pertain only to the courses within the Early College Program.*

The Early College program allows students the opportunity to earn a Millard diploma while also fulfilling the requirements for an Associate of Arts Degree at Metropolitan Community College within a high school setting. Students must submit an application and be accepted to participate. The Millard Public Schools Foundation pays half of the reduced rate of tuition. This provides students the opportunity to reduce college tuition and graduate from college, or pursue a graduate studies program earlier. We thank the MPS Foundation and their donors for supporting this worthwhile endeavor as our students continue to strive toward completing the most rigorous courses during their high school years.



### PD80 ACADEMIC SEMINAR

5 Credits

**Description:** This elective course is for motivated students who want the challenge of a rigorous course and are concerned about taking an academic risk. Academic Seminar provides the opportunity to refine work habits and attitudes necessary for success while enrolled in a course that is the student's personal academic stretch. The course will focus on strengthening and applying critical reading, vocabulary, writing, and mathematical reasoning while improving organizational, time management, and study skills, developing test taking skills and strategies, and practicing effective decision making and self-advocacy strategies. Students will diagnose their individual needs while setting, measuring, and attaining S.M.A.R.T. Goals related to academic improvement. The course includes customized support and advisement from instructors and peer tutors. Along with external support, the student will self-monitor work habits and academic progress in all courses.

**Prerequisites:** An application process to be completed through the High School Guidance Office. Participation in this course is limited to one time and must be taken concurrently with at least one other course that requires increased academic rigor so that techniques learned in this course can be immediately applied outside of this course.

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HMRL 1010 (4.5 credits) from Metropolitan Community College.

### 0004 HONORS ENGLISH 10

10 Credits

#### American Literature and Advanced Composition

**Description:** Through this course, students will explore how American literature reflects the identities and cultures of the United States. Students will become adept at analyzing challenging texts from a variety of genres through diverse cultural, racial, and gender perspectives and voices in historical and contemporary literature. By analyzing the authors' views and social context, students will continue to develop skills related to navigating complex texts, analytical writing, and developing the research process. Students who take this course will have high levels of language competencies and enjoy an academic challenge.

**Prerequisites:** Honors English 9

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ENGL 1010 (4.5 credits) and ENGL 24500 (4.5 credits) from Metropolitan Community College.

### 0007 ENGLISH 11

10 Credits

#### American Literature and Composition

**Description:** Through this course, students will explore how American literature reflects the identities and cultures of the United States. Students will become adept at analyzing challenging texts from a variety of genres through cultural, racial, and gender perspectives in historical and contemporary literature. By analyzing the authors' views and social context, students will delve into deeper understanding of language, literature, and the writing and research process. Students will study a variety of texts including short stories, novels, poetry, drama, fiction, non-fiction, and visual and digital texts. Students will be assessed using a variety of methods including, but not limited to, essays, presentations, and creative critical thinking activities.

**Prerequisites:** English 10 or English 10 Literacy Enrichment

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ENGL 1010 and ENGL 2510 (4.5 credits) from Metropolitan Community College and will transfer to University of Nebraska at Omaha as ENGL 1150 and ENGL 2450 (3 credits).

**0020 SPEECH**

5 Credits

**Description:** This is an introductory course designed to assist students in understanding and improving their skill in effective communication. Speech is a performance-based course that will allow students to apply the skills learned in class using a variety of activities, such as: public speaking, self-critique, and group work. In addition, all students will complete a mock job interview unit which assists in meeting graduation requirements. This course fulfills the Oral Communications Graduation Requirement.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for SPCH 1110 (4.5 credits) from Metropolitan Community College.

**0035 COLLEGE WRITING**

5 Credits

**Description:** College Writing is a course designed to prepare students for writing and independent research at the collegiate level. Practice in academic inquiry and the proper method for organizing, researching, and writing a formal research paper are emphasized in this course. Because organizational skills and time management are important when working to meet deadlines for this course, this class is best suited for independent workers and motivated students.

**Prerequisites:** Honors English 10 or English 11

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ENGL 1020 (4.5 credits) from Metropolitan Community College.

**0048 ADVANCED PLACEMENT® ENGLISH LITERATURE AND COMPOSITION**

10 Credits

**Description:** Advanced Placement® English Literature and Composition is a course for 11th and 12th grade students interested in pursuing rigorous advanced studies in language arts with a focus on close reading of works of literary merit, including poetry, short stories, novels, and drama. Texts will be considered in historical context as well as through various lenses of interpretation. In addition, students will analyze literature focusing on how writers create meaning through literary techniques such as structure, style, theme, figurative language, imagery, symbolism, and tone. This course builds on literary analysis skills, which students will demonstrate through a variety of mediums. Students will improve academic voice in their own writing through experimentation with various grammatical constructions, use of academic diction, and development of tone. Completion of this course will prepare students to take the Advanced Placement® English Literature and Composition exam. In addition, students will have the opportunity to dual enroll through the University of Nebraska at Omaha for three college credits per semester. AP Literature and Composition is a rigorous, capstone course. Students who complete Advanced Placement® Language and Composition as juniors will be best prepared to succeed in this college-level course.

**Prerequisites:** Honors English 10 or English 11

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ENGL 2450 (4.5 credits) from Metropolitan Community College.

**0114 HONORS GERMAN II**

10 Credits

**Description:** Students will learn an expanded vocabulary and develop skills at an accelerated pace. Students will explore culture through a variety of topics. Using listening, speaking, reading, and writing skills, students will communicate in German. Authentic text will be introduced and students will demonstrate more independence in communication. Honors Level II is recommended for all students who plan to pursue Advanced Placement® courses.

**Prerequisites:** German 8 or German I

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for GERM 1010 (7.5 credits) from Metropolitan Community College

**0118 HONORS GERMAN IV/GERMAN V**

10 Credits

**Description:** Students will go beyond the functional level practiced in previous courses and will develop more abstract communication skills utilizing authentic sources. Students will communicate with greater spontaneity and in greater detail. Students will also explore culture through a variety of topics. The course will be conducted in German. Honors Level IV is recommended for all students who plan to pursue Advanced Placement® courses.

**Prerequisites:** German IV or Honors German III

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for GERM 1020 (7.5 credits) from Metropolitan Community College.

**0119 ADVANCED PLACEMENT® GERMAN LANGUAGE AND CULTURE**

10 Credits

**Description:** Students will improve in all skill areas. Emphasis will be placed on using authentic materials to increase reading and listening skills. Higher level communication skills will be attained through a variety of oral and written activities and assignments. This course will be conducted in German, and students are expected to speak German at all times. Completion of this course will prepare students to take the Advanced Placement® German Language and Culture exam.

**Prerequisites:** Honors German IV/German V

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for GERM 2900 (4.5 credits) from Metropolitan Community College.

**0136 HONORS FRENCH III**

10 Credits

**Description:** Students will further develop the reading, writing, listening, and speaking skills needed to function in the language and in practical situations in the French culture. Students will learn an expanded vocabulary and develop skills at an accelerated pace utilizing authentic sources. Students will use complex mechanics of the language and explore culture through a variety of topics. The majority of the course will be conducted in French. Honors Level III is recommended for all students who plan to pursue Advanced Placement® courses.

**Prerequisites:** French II or Honors French II

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for FREN 1120 (4.5 credits) from Metropolitan Community College.

**0138 HONORS FRENCH IV/FRENCH V**

10 Credits

**Description:** Students will go beyond the functional level practiced in previous courses and will develop more abstract communication skills utilizing authentic sources. Students will communicate with greater spontaneity and in greater detail. Students will also explore culture through a variety of topics. The course will be conducted in French. Honors Level IV is recommended for all students who plan to pursue Advanced Placement® courses.

**Prerequisites:** French IV or Honors French III

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for FREN 2110 (4.5 credits) and French 2120 (4.5 credits) from Metropolitan Community College.

**0139 ADVANCED PLACEMENT® FRENCH LANGUAGE AND CULTURE**

10 Credits

**Description:** Students will improve in all skill areas. Emphasis will be placed on using authentic materials to increase reading and listening skills. Higher level communication skills will be attained through a variety of oral and written activities and assignments. This course will be conducted in French, and students are expected to speak French at all times. Completion of this course will prepare all students to take the Advanced Placement® French Language and Culture exam.

**Prerequisites:** Honors French IV/French V

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for FREN 2900 (4.5 credits) from Metropolitan Community College.

**0154 HONORS SPANISH II**

10 Credits

**Description:** Students will learn an expanded vocabulary and develop skills at an accelerated pace. Students will explore culture through a variety of topics. Using listening, speaking, reading, and writing skills, students will communicate in Spanish. Authentic text will be introduced and students will demonstrate more independence in communication. Honors Level II is recommended for all students who plan to pursue Advanced Placement® or International Baccalaureate®.

**Prerequisites:** Spanish C or Spanish I

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for SPAN 1110 (4.5 credits) from Metropolitan Community College.

**0156 HONORS SPANISH III**

10 Credits

**Description:** Students will further develop the reading, writing, listening, and speaking skills needed to function in the language and in practical situations in the Spanish culture. Students will learn an expanded vocabulary and develop skills at an accelerated pace utilizing authentic sources. Students will use complex mechanics of the language and explore culture through a variety of topics. The majority of the course will be conducted in Spanish. Honors Level III is recommended for all students who plan to pursue Advanced Placement® or International Baccalaureate® courses.

**Prerequisites:** Spanish II or Honors Spanish II

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for SPAN 1120 (4.5 credits) from Metropolitan Community College.

**0158 HONORS SPANISH IV/SPANISH V**

10 Credits

**Description:** Students will go beyond the functional level practiced in previous courses and will develop more abstract communication skills utilizing authentic sources. Students will communicate with greater spontaneity and in greater detail. Students will also explore culture through a variety of topics. The course will be conducted in Spanish. Honors Level IV is recommended for all students who plan to pursue Advanced Placement® courses.

**Prerequisites:** Spanish IV or Honors Spanish III

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for SPAN 2110 (4.5 credits) and SPAN 2120 (4.5 credits) from Metropolitan Community College.

**0159 ADVANCED PLACEMENT® SPANISH LANGUAGE AND CULTURE**

10 Credits

**Description:** Students will gain advanced knowledge of the Spanish language through the use of authentic print and audio materials. Listening, reading, writing, and speaking skills are emphasized. Cultural knowledge will be taught throughout the course and grammatical concepts reviewed. The course will be conducted in Spanish, and students are expected to speak Spanish at all times. Completion of this course will prepare students to take the Advanced Placement® Spanish Language and Culture exam.

**Prerequisites:** Honors Spanish IV/ Spanish V

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for SPAN 2900 (4.5 credits) from Metropolitan Community College.

**0231 ALGEBRA II**

10 Credits

**Description:** Students will explore a variety of advanced, integrated algebraic topics such as systems of equations and inequalities, higher-ordered polynomials, and advanced functions. Algebra II completes the three-year mathematics sequence required by many colleges.

**Prerequisites:** Geometry

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for MATH 1310 (4.5 credits) from Metropolitan Community College.

**0233 HONORS ALGEBRA II**

10 Credits

**Description:** Students will further develop understanding of a variety of advanced algebraic topics such as systems of equations and inequalities, higher-ordered polynomials, advanced functions, and discrete mathematics topics. This course will go into greater depth than Algebra II and is recommended for students who plan to pursue Advanced Placement® mathematics classes.

**Prerequisites:** Honors Geometry

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for MATH 1310 (4.5 credits) from Metropolitan Community College.

**0238 PRECALCULUS**

10 Credits

**Description:** Students will investigate functions, conic sections, and trigonometry through an algebraic, analytical, numerical, and graphical approach, including mathematical modeling for real-world application.

**Prerequisites:** Algebra II

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for MATH 1420 (4.5 credits) and MATH 1430 (4.5 credits) from Metropolitan Community College.

**0239 HONORS PRECALCULUS**

10 Credits

**Description:** Students will investigate functions, conic sections, and trigonometry through an algebraic, analytical, numerical, and graphical approach, including mathematical modeling for real-world application. This course will go into greater depth than Precalculus and is recommended for students who plan to pursue Advanced Placement® mathematics classes.

**Prerequisites:** Honors Algebra II

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for MATH 1420 (4.5 credits) and MATH 1430 (4.5 credits) from Metropolitan Community College.

**0243 ADVANCED PLACEMENT® STATISTICS**

10 Credits

**Description:** Students will learn a variety of statistical concepts including exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Completion of this course will prepare students to take the Advanced Placement® Statistics exam.

**Prerequisites:** Algebra II

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for MATH 1410 (4.5 credits) from Metropolitan Community College.

**0244 COLLEGE ALGEBRA**

10 Credits

**Description:** Students will investigate functions, matrices and conic sections through an algebraic, analytical, numerical, and graphical approach, including mathematical modeling for real-world application. This course will assist students in preparation for introductory college mathematics courses. Students planning to take Calculus or Trigonometry should enroll in Precalculus or Honors Precalculus.

**Prerequisites:** Algebra II

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for MATH 1420 (4.5 credits) from Metropolitan Community College

**0252 ADVANCED PLACEMENT® CALCULUS AB**

10 Credits

**Description:** Advanced Placement® Calculus AB is a course in single variable calculus that includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. Algebraic, numerical, and graphical representations are emphasized throughout the course. Completion of this course will prepare students to take the Advanced Placement® Calculus AB exam.

**Prerequisites:** Precalculus or Honors Precalculus

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for MATH 2410 (7.5 credits) from Metropolitan Community College.

**0253 ADVANCED PLACEMENT® CALCULUS BC**

10 Credits

**Description:** Advanced Placement® Calculus BC is a course in single variable calculus that includes all the topics of Advanced Placement® Calculus AB plus additional topics in differential and integral calculus (including parametric, polar, and vector functions) and series. Algebraic, numerical, and graphical representations are emphasized throughout the course. Completion of this course will prepare students to take the Advanced Placement® Calculus BC exam.

**Prerequisites:** Honors Precalculus

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for MATH 2410 (7.5 credits) and MATH 2411 (7.5 credits) from Metropolitan Community College.

**0254 CALCULUS III/DIFFERENTIAL EQUATIONS**

10 Credits

**Description:** Calculus III/Differential Equations is a course investigating calculus topics including (but not limited to) vector analysis, partial differentiation, multiple integration, and functions of several variables. The differential equations portion of the course will focus primarily on (but not limited to) ordinary differential equations, solutions by series, Laplace transformations, and applications. This course provides a weighted grade as it exceeds Advanced Placement® Calculus level courses. Course offering is dependent upon instructor availability; students may need to arrange schedule to attend available instructor's assigned high school for this course.

**Prerequisites:** Advanced Placement® Calculus BC

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for MATH 2412 (6 credits) and MATH 2510 (4.5 credits) from Metropolitan Community College.

**0327 BIOLOGY**

9

10 Credits

**Description:** Biology offers an opportunity to explore diversity and interdependence in our living world. This course provides a general overview of major biological topics including the cell, genetics, biochemistry and interdependence of organisms, and related Earth science concepts. Through inquiry, students develop a conceptual understanding of biology as they acquire important information and refine their laboratory skills.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for BIOS 1010 (6 credits) from Metropolitan Community College.

**0334 CHEMISTRY**

10 Credits

**Description:** In Chemistry, students develop a strong understanding of atomic structure, chemical properties, periodicity, and reactions while enhancing critical thinking and lab skills through hands-on experiences. In addition, related space science concepts are explored. This college preparatory class is beneficial for all students going to college, not just students planning to major in science.

**Prerequisites:** Algebra I (or concurrent enrollment in Algebra I/Geo: Foundations 2), Biology

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for CHEM 1010 (7 credits) from Metropolitan Community College.

**0383 ADVANCED PLACEMENT® PHYSICS 1: ALGEBRA-BASED** 10 Credits

**Description:** Students will engage in hands-on exploration while developing an understanding of Newtonian mechanics, including rotational dynamics and angular momentum; work, energy, and power; mechanical waves and sound; and electric circuits and relevant, heat, nuclear, and earth science topics. This course is the equivalent to a first-semester college course in algebra-based physics. Completion of this course will prepare students to take the Advanced Placement® Physics 1: Algebra-Based exam. Students who successfully completed 0329 Physical Science: Physics may also take this course as a science elective during eleventh or twelfth grade. Students who successfully completed 0352 Physics are encouraged to take 0384 AP Physics 2: Algebra-Based and not this course due to repeated content.

**Prerequisites:** Completion of or concurrent enrollment in Algebra II (or Algebra II: Foundations 4) and Biology

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for PHYS110A, 110B, and 110C (6.5 credits) from Metropolitan Community College.

**0414 UNITED STATES GOVERNMENT AND ECONOMICS** 11-12 5 Credits

**Description:** Students will acquire knowledge and skills necessary to function as an educated, concerned, and active citizen in our political and economic systems. Classroom learning is strengthened by participation and analysis of prior service learning through a culminating project.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for POLS 2050 (4.5 credits) from Metropolitan Community College.

**0415 ADVANCED PLACEMENT® UNITED STATES GOVERNMENT AND POLITICS** 11-12 5 Credits

**Description:** Students will acquire knowledge and skills necessary to function as educated, concerned and active citizens in our political and economic system. Classroom learning is strengthened by participation and analysis of prior service learning through a culminating project. Completion of this course will prepare students to take the Advanced Placement® exam.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for POLS 2050 (4.5 credits) from Metropolitan Community College.

**0420 WORLD HISTORY** 10 10 Credits

**Description:** Students will examine the interaction of humans and their environment, development and interaction of cultures, and comparison of economic, political, and social structures in order to analyze their historical impact upon one another. This course explores the time period from prehistory to the present.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HIST 1110 (4.5 credits) and HIST 1120 (4.5 credits) from Metropolitan Community College.

**0424 ADVANCED PLACEMENT® WORLD HISTORY** 10-12 10 Credits

**Description:** Students will examine the interaction of humans and their environment, development and interaction of cultures, and comparison of economic, political and social structures to analyze their historical impact upon one another. This course explores the time periods from prehistory to the present. Completion of this course will prepare students to take the World History Advanced Placement® exam.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HIST 1110 (4.5 credits) and HIST 1120 (4.5 credits) from Metropolitan Community College.

**0450 ADVANCED PLACEMENT® UNITED STATES HISTORY** 11-12 10 Credits

**Description:** Students will study the history of the United States chronologically from the pre-colonial era moving toward the present. Completion of this college level course will prepare students to take the Advanced Placement® United States History exam.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for HIST 1010 (4.5 credits) and HIST 1020 (4.5 credits) from Metropolitan Community College.

**0453 ADVANCED PLACEMENT® PSYCHOLOGY** 5 Credits

**Description:** Students will continue to focus on the concepts started in Psychology. Students will further evaluate the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will examine the psychological facts, principles, and phenomena associated with the major subfields of psychology. Completion of this course will prepare students to take the Advanced Placement® Psychology exam.

**Prerequisites:** Psychology

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for PSYCH 1010 (4.5 credits) from Metropolitan Community College.

**0456 ADVANCED PLACEMENT® HUMAN GEOGRAPHY**

10 Credits

**Description:** Students will explore the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science practice. Completion of this course will prepare students to take the Advanced Placement® Human Geography exam.

**Prerequisites:** None

**Dual Enrollment Credit:** Dual credit by AP exam for GEOG 1020 (4.5 credits) from Metropolitan Community College.

**0540 ADVANCED PLACEMENT® MACROECONOMICS**

5 Credits

**Description:** Students will study a variety of economic theories and analyze their practical application in the real world with a focus on the decision-making of individuals, businesses, and the government. Students will evaluate the economy as a whole, including economic measures, economic growth, fiscal policy, monetary policy, and international economics. Extensive mathematics skills are not required; however, the ability to analyze graphs and charts is essential. Completion of this course will prepare students to take the Advanced Placement® Macroeconomics exam.

**Prerequisites:** Alg I/Geo: Foundations 2 or Algebra I

**Dual Enrollment Credit:** Dual credit by AP exam for ECON 1000 (4.5 credits) from Metropolitan Community College or dual enrollment through UNO.

**0541 ADVANCED PLACEMENT® MICROECONOMICS**

5 Credits

**Description:** Students will study a variety of economic theories and analyze their practical application in the real world with a focus on supply and demand for products, labor markets, and the role of competition in a free market system. Extensive mathematics skills are not required; however, the ability to analyze graphs and charts is essential. Completion of this course will prepare students to take the Advanced Placement® Microeconomics exam.

**Prerequisites:** Alg I/Geo: Foundations 2 or Algebra I

**Dual Enrollment Credit:** Dual credit by AP exam for ECON 1100 (4.5 credits) from Metropolitan Community College or dual enrollment through UNO.

**0561 INFORMATION TECHNOLOGY APPLICATIONS**

5 Credits

**Description:** Students will think analytically, manipulating information and using the computer as a productivity tool. This course will focus on advanced skill development in word processing, spreadsheet, database, integration of applications utilizing advanced features, and exploring web technologies. Students will apply the ethical, legal, and social responsibilities of computing. Students will practice professional communication techniques by collaborating and communicating via the Internet.

**Prerequisites:** None

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for INFO 1001 (4.5 credits) from Metropolitan Community College.

**0720 DRAWING**

5 Credits

**Description:** Drawing is a course that provides students with an in-depth study of drawing techniques, processes, and media. In addition to art production, students will use a variety of learning strategies including reading, responding, and analyzing to develop a deeper understanding of art.

**Prerequisites:** Art Foundations

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for ARTS 1010 (5 credits) from Metropolitan Community College.

**0747 MUSIC CONNECTIONS**

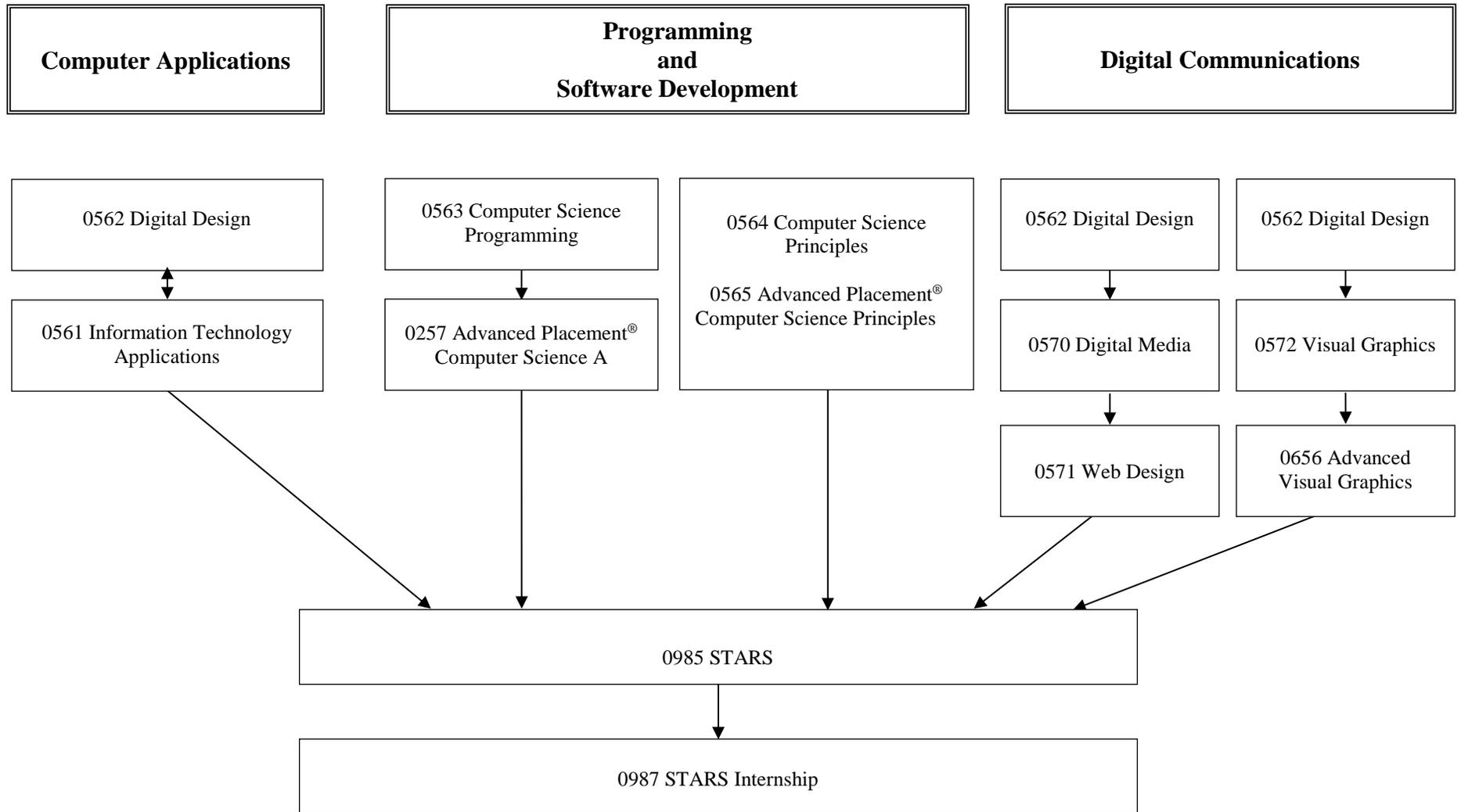
5 Credits

**Description:** In this course, students will learn about music connections by completing projects based on students' interest. Students will have the chance to explore careers in music, history and culture, styles and genres, connections with other disciplines, and evaluate and analyze music. Project based learning will occur varying from creating your own music video to discovering other musical opportunities.

**Prerequisites:** None. This is a non-performance course.

**Dual Enrollment Credit:** This course is offered for dual enrollment credit for MUSC 1050 (4.5 credits) from Metropolitan Community College.

### INFORMATION TECHNOLOGY MINI MAGNET (OFFERED AT MILLARD SOUTH ONLY)



## INFORMATION TECHNOLOGY MINI-MAGNET PROGRAM

Millard South Only

| Course   | Course Name                         | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|--|-------------------------------------|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>INFORMATION TECHNOLOGY (IT) MINI-MAGNET PROGRAM</b> |                                     |         |       |                        |               |          |                     |                   |                   |                  |
| <b>Computer Applications</b>                           |                                     |         |       |                        |               |          |                     |                   |                   |                  |
| 0561   | Information Technology Applications | 5       |       |                        |               |          |                     |                   |                   | •                |
| <b>Programming and Software Development</b>            |                                     |         |       |                        |               |          |                     |                   |                   |                  |
| 0563   | Computer Science Programming        | 5       |       |                        |               |          |                     |                   |                   | •                |
| 0257 A/B   | AP Computer Science A               | 10      |       |                        | 0563          |          |                     |                   |                   | •                |
| 0564   | Computer Science Principles         | 5       |       |                        |               |          |                     |                   |                   | •                |
| 0565 A/B   | AP Computer Science Principles      | 10      |       |                        | 0204 or 0211  |          |                     |                   |                   | •                |
| <b>Digital Communications</b>                          |                                     |         |       |                        |               |          |                     |                   |                   |                  |
| 0562   | Digital Design                      | 5       |       |                        |               |          |                     |                   |                   | •                |
| 0570   | Digital Media                       | 5       |       |                        | 0562          |          |                     |                   |                   | •                |
| 0571   | Web Design                          | 5       |       |                        | 0570          |          |                     |                   |                   | •                |
| 0572   | Visual Graphics                     | 5       |       |                        | 0571          |          |                     |                   |                   | •                |
| 0656   | Advanced Visual Graphics            | 5       |       |                        | 0572          |          |                     |                   |                   | •                |
| 0985 A/B   | STARS                               | 10      | 11-12 |                        | †             |          |                     |                   |                   | •                |
| 0987 A/B   | STARS Internship                    | 10      | 11-12 |                        | 0985†         |          |                     |                   |                   | •                |

† = See course descriptions for additional requirements.

### INFORMATION TECHNOLOGY MINI-MAGNET PROGRAM

#### 0570 DIGITAL MEDIA

5 Credits

**Description:** Students will create, design, and produce digital media including sound, video, graphics, text, and animation. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management, and web processes.

**Prerequisites:** Digital Design

#### 0571 WEB DESIGN

5 Credits

**Description:** Students will demonstrate knowledge of web design and languages to create a content rich and visually pleasing website that captures and keeps visitors' interests. Focus will be given to effective page layout, image creation and manipulation, interactivity, content creation, and project management.

**Prerequisites:** Digital Media

#### 0572 VISUAL GRAPHICS

5 Credits

**Description:** Students will interact with advanced digital techniques and processes. Areas of study include operating cameras, use of light, image capture, and processing digital images. Students will also learn the history of photography, legal and ethical issues related to the field of visual graphics.

**Prerequisites:** Digital Design

#### 0656 ADVANCED VISUAL GRAPHICS

5 Credits

**Description:** This course provides advanced visual graphics students with instruction in advanced digital techniques and processes in commercial photography. Manipulation of images using industry-standard software is also included. Students will be required to exhibit their projects. The appropriate use of technology and industry-standard equipment is an integral part of this course.

**Prerequisites:** Visual Graphics

**0985 STARS****11-12**

10 Credits

**Description:** Students who have completed the courses in a technology sequence will pursue advanced application in the pathway. Students will work independently or in a team, to complete problem-based learning projects for internal clients such as Millard Public Schools or approved businesses and agencies. Students will evaluate the client's needs and produce professional digital media products. Students will complete a capstone project or a portfolio.

**Prerequisites:** Completion of the Technology Mini-Magnet strands and completed application

**0987 STARS INTERNSHIP****11-12**

10 Credits

**Description:** Students will enhance their technology skills through part-time employment. Students may obtain part-time jobs through the teacher or may seek a position independently. Students must work an average of 10 hours per week to receive credit.

**Prerequisites:** Concurrent enrollment with STARS

**Refer to the Business and Information Technology section on page 21 for descriptions of the following courses:**

|      |   |
|------|---|
| 0560 | Introduction to Technology                      |
| 0561 | Information Technology Applications             |
| 0563 | Computer Science Programming                    |
| 0564 | Computer Science Principles                     |
| 0257 | Advanced Placement® Computer Science A          |
| 0565 | Advanced Placement® Computer Science Principles |



**Millard North High School only**

**Middle Years Programme (IB-MYP)**

The International Baccalaureate® Organization’s Middle Years Programme, offered by the IBO since 1994, provides a framework of academic challenge and life skills for students aged 11-16 years. The Areas of Interaction are the interdisciplinary approach for delivering the IB-MYP to connect the eight subject areas. These themes include: Approaches to Learning, Environment, Human Ingenuity, Health and Social Education, and Community and Service. The program is devised to help students develop the knowledge, attitude, and skills to participate actively and responsibly in a changing and increasingly interrelated world. It includes problem solving and analysis which leads to critical thinking. The MYP is designed to teach students to become independent learners who can recognize relationships between school subjects and the world outside.

The program aims to enable students to:

- build upon their spirit of discovery to develop an understanding and enjoyment of the process of learning independently and in cooperation with others
- acquire knowledge and understanding and prepare for further learning
- recognize the extent to which knowledge is interrelated
- learn to communicate effectively in a variety of ways
- develop a sense of personal and cultural identity and a respect for themselves and for others
- acquire insights into local and global concerns affecting health, the community and the environment, and develop a sense of individual and collective responsibility and citizenship

This program requires enrollment at Millard North High School. It is a two-year program in which students must enter at the 9<sup>th</sup> grade level and continue through the 10<sup>th</sup> grade. It is not necessary for a student to have participated at the middle school level. The MYP is not a prerequisite to the Diploma Programme. This program is one path to the IB Diploma Programme but does not guarantee entrance or success in the Diploma Programme.

Students must sign up for the IB Middle Years Programme during registration. For further information about the IB Middle Years Programme contact the IB-MYP Coordinator at (402) 715-1226.

The requirements for successful completion of the IB-MYP at Millard North High School include:

- Enrollment in and successful completion of at least six out of the eight MYP subject areas during both the ninth and tenth grade.
  - Subject areas include: Language A, Language B, Humanities, Science, Mathematics, Arts, Technology, Physical Education
- Completion of 20 hours of service and reflection during both the ninth and tenth grade.
- Creation and presentation of a Personal Project during the tenth grade.

| Course   | Course Name   | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Page Number |
|--|---|---------|-------|------------------------|---------------|----------|-------------|
| <b>INTERNATIONAL BACCALAUREATE® MIDDLE YEARS PROGRAMME</b> |   |         |       |                        |               |          |             |
| 0001 A/B   | English 9   | 10      |       |                        |               | •        | 38          |
| 0002 A/B   | English 10  | 10      |       |                        |               | •        | 38          |
| 0003 A/B   | Honors English 9  | 10      |       |                        |               | •        | 38          |
| 0004 A/B   | Honors English 10   | 10      |       |                        | 0003          | •        | 38          |
| 0021 A/B   | Forensics: Competitive Speech   | 10      |       | OC                     |               |          | 39          |
| 0059 A/B   | English 9 Literacy Enrichment   | 10      |       |                        |               |          | 41          |
| 0060 A/B   | English 10 Literacy Enrichment  | 10      |       |                        |               |          | 41          |
| 0064   | Introduction to Journalism, Photojournalism, and Broadcast Journalism | 5       |       |                        |               |          | 42          |
| 0077   | Broadcast Journalism  | 5       |       |                        | 0064          |          | 43          |
| 0203 A/B   | Alg I: Foundations 1  | 10      |       |                        |               |          | 45          |
| 0204 A/B   | Alg I/Geo: Foundations 2  | 10      |       |                        |               |          | 46          |
| 0211 A/B   | Algebra I   | 10      |       |                        |               | •        | 46          |
| 0220 A/B   | Geometry  | 10      |       |                        | 0211          | •        | 46          |
| 0221 A/B   | Honors Geometry   | 10      |       |                        | 0211          | •        | 46          |
| 0231 A/B   | Algebra II  | 10      |       |                        | 0220          | •        | 46          |
| 0233 A/B   | Honors Algebra II   | 10      |       |                        | 0221          | •        | 46          |
| 0238 A/B   | Precalculus   | 10      |       |                        | 0231          | •        | 47          |
| 0239 A/B   | Honors Precalculus  | 10      |       |                        | 0233          | •        | 47          |

OC = Fulfills Oral Communications Graduation Requirement

# INTERNATIONAL BACCALAUREATE® MIDDLE YEARS PROGRAMME

Offered at Millard North only

| Course   | Course Name                                 | Credits | Grade | Graduation Requirement | Prerequisites       | ACT Core | Page Number |
|--|---|---------|-------|------------------------|---------------------|----------|-------------|
| <b>INTERNATIONAL BACCALAUREATE® MIDDLE YEARS PROGRAMME</b> |   |         |       |                        |                     |          |             |
| 0112 A/B   | German I                                    | 10      |       |                        |                     |          | 76          |
| 0113 A/B   | German II                                   | 10      |       |                        | 0112                |          | 76          |
| 0114 A/B   | Honors German II                            | 10      |       |                        | 0112                |          | 76          |
| 0115 A/B   | Honors German III                           | 10      |       |                        | 0113                |          | 76          |
| 0132 A/B   | French I                                    | 10      |       |                        |                     |          | 74          |
| 0133 A/B   | French II                                   | 10      |       |                        | 0132                |          | 74          |
| 0134 A/B   | Honors French II                            | 10      |       |                        | 0132                |          | 75          |
| 0136 A/B   | Honors French III                           | 10      |       |                        | 0134                |          | 75          |
| 0152 A/B   | Spanish I                                   | 10      |       |                        |                     |          | 77          |
| 0153 A/B   | Spanish II                                  | 10      |       |                        | 0152                |          | 77          |
| 0154 A/B   | Honors Spanish II                           | 10      |       |                        | 0152                |          | 77          |
| 0156 A/B   | Honors Spanish III                          | 10      |       |                        | 0154                |          | 77          |
| 0162 A/B   | Latin I                                     | 10      |       |                        |                     |          | 78          |
| 0163 A/B   | Latin II                                    | 10      |       |                        | 0162                |          | 78          |
| 0561   | Information Technology Applications         | 5       |       |                        |                     |          | 23          |
| 0562   | Digital Design                              | 5       |       |                        |                     |          | 23          |
| 0563   | Computer Science Programming                | 5       |       |                        |                     |          | 23          |
| 0321 A/B   | Introduction to IB Chemistry and IB Physics | 10      | 10    | C, P                   | 0327                | •        | 60          |
| 0327 A/B   | Biology                                     | 10      | 9     |                        |                     | •        | 61          |
| 0328   | Physical Science: Chemistry                 | 5       | 10-11 | C                      | 0327                | •        | 61          |
| 0329   | Physical Science: Physics                   | 5       | 10-11 | P                      | 0327 †              | •        | 61          |
| 0334 A/B   | Chemistry                                   | 10      | 10-12 | C                      | 0211                | •        | 61          |
| 0352 A/B   | Physics                                     | 10      | 10-12 | P                      |                     | •        | 61          |
| 0383 A/B   | AP Physics 1: Algebra-Based                 | 10      | 10-12 | P                      | 0231 or 0233†, 0327 |          | 63          |
| 0456 A/B   | AP Human Geography                          | 10      |       |                        |                     | •        | 67          |
| 0408   | World Geography                             | 5       | 9     |                        |                     | •        | 65          |
| 0500   | Personal Finance                            | 5       |       | FL                     |                     |          | 22          |
| 0662   | Introduction to Engineering Design I        | 5       |       |                        |                     |          | 33          |
| 0663   | Introduction to Engineering Design II       | 5       |       |                        | 0662                |          | 33          |
| 0705   | Art Foundations                             | 5       |       | F                      |                     |          | 17          |
| 0706 A/B   | Introduction to IB Visual Arts              | 10      | 10-11 | F                      | 0705                |          | 17          |
| 0720   | Drawing                                     | 5       |       | F                      | 0705                |          | 17          |
| 0722   | Painting                                    | 5       |       | F                      | 0705                |          | 17          |
| 0704   | Color and Design                            | 5       |       | F                      |                     |          | 16          |
| 0732   | Marching Band                               | 5       |       | F                      |                     |          | 51          |
| 0733   | Concert Band                                | 5       |       | F                      |                     |          | 51          |
| 0734   | Symphonic Band                              | 5       |       | F                      |                     |          | 52          |
| 0735   | Wind Ensemble                               | 5       |       | F                      |                     |          | 52          |
| 0736 A/B   | Philharmonic Orchestra                      | 10      |       | F                      |                     |          | 52          |
| 0737 A/B   | Symphony Orchestra                          | 10      |       | F                      |                     |          | 52          |
| 0756 A/B   | Voce  | 10      |       | F                      |                     |          | 52          |
| 0757 A/B   | Cantori                                     | 10      |       | F                      |                     |          | 52          |
| 0758 A/B   | Singers                                     | 10      |       | F                      |                     |          | 52          |
| 0746 A/B   | Contemporary Ensemble                       | 10      |       | F                      |                     |          | 53          |
| 0747   | Music Connections                           | 5       |       | F                      |                     |          | 53          |
| 0800   | Sport Skills and Fitness                    | 5       |       |                        |                     |          | 55          |
| 0801   | Cross Training I                            | 5       |       |                        | †                   |          | 56          |
| 0808   | Introduction to Aquatics                    | 5       |       |                        | †                   |          | 57          |
| 0810   | Aquatics                                    | 5       |       |                        |                     |          | 58          |

C = Fulfills Chemistry Graduation Requirement

F = Fulfills Fine and Performing Arts Graduation Requirement

FL = Fulfills Financial Literacy Graduation Requirement

P = Fulfills Physics Graduation Requirement

† = See course descriptions for additional requirements.

## IB Middle Years Program Course Completion Sequence

Students must be registered in **at least six year-long** MYP subject areas **each year** in order to be eligible for an IB-MYP Certificate. In order to ensure all requirements are met, it is recommended that students follow the suggested sequence below.

| Subject Area 1: Language A   |   | Subject Area 1: Language A  |   |
|--|---|---|---|
| English 9<br>English 9 Literacy Enrichment   | Honors English 9  | English 10<br>English 10 Literacy Enrichment  | Honors English 10   |
| Subject Area 2: Language B   |   | Subject Area 2: Language B  |   |
| Spanish I<br>Spanish II<br>German I<br>German II<br>French I<br>French II<br>Latin I | Honors Spanish II<br><br>Honors German II<br><br>Honors French II | Spanish II<br>Spanish III<br>German II<br>German III<br>French II<br>French III<br>Latin II | Honors Spanish III<br><br>Honors German III<br><br>Honors French III                                      |
| Subject Area 3: Mathematics  |   | Subject Area 3: Mathematics   |   |
| Algebra I: Foundations I<br>Algebra I<br>Geometry<br>Algebra II<br>Precalculus       | Honors Geometry<br>Honors Algebra II<br>Honors Precalculus        | Algebra/Geometry: Foundations II<br>Algebra I<br>Geometry<br>Algebra II<br>Precalculus      | Honors Geometry<br>Honors Algebra II<br>Honors Precalculus  |
| Subject Area 4: Science  |   | Subject Area 4: Science   |   |
| Biology  |   | Physical Science: Chemistry<br>Chemistry  | Physical Science: Physics<br>Physics or AP Physics 1: Algebra-Based<br>Intro to IB Chemistry & IB Physics |
| Subject Area 5: Humanities   |   | Subject Area 5: Humanities  |   |
| World Geography (5)<br>AP Human Geography (10)                                       | International Relations (5)<br>Human Diversity (5)                | World History<br>AP World History   |   |
| Subject Area 6: Choose ONE Area for the 9 <sup>th</sup> grade                        |   | Subject Area 6: Choose ONE Area for the 10 <sup>th</sup> grade                              |   |
| Physical Education<br>Technology<br>Arts   |   | Physical Education<br>Technology<br>Arts  |   |
| Semester One:  | Semester Two:   | Semester One:<br>Healthy Living (Everyday Living)   | Semester Two:   |

| Other Choice Elective | Other Choice Elective | Other Choice Elective | Other Choice Elective |
|-----------------------|-----------------------|-----------------------|-----------------------|
|                       |                       |                       |                       |

Students must be enrolled in a full year of Physical Education, Technology, or the Arts during both the 9<sup>th</sup> and 10<sup>th</sup> grade.

### Course Options for Subject Area 6:

| Physical Education  | Technology  | Arts  |
|---|---|---|
| Sport Skills & Fitness<br>Cross Training I / II<br>Introduction to Aquatics /<br>Aquatics | Information Technology Applications<br>Digital Design<br>Computer Science Principles<br>AP Computer Science Principles<br>Intro to Engineering Design I<br><br>Intro to Engineering Design II<br>Introduction to Journalism, Photojournalism, and Broadcast<br>Journalism**<br><br>**Courses will meet the IB-MYP requirements for the designated<br>subject area | Art Foundations<br>Color and Design<br>Drawing (Art Foundations Prerequisite)<br>Painting (Drawing Prerequisite)<br>Intro IB Visual (Art Foundations Prerequisite) (YR)<br>Cantori/Voce<br>Orchestra (YR)<br>JV Choir (YR)<br>Symphonic/Marching Band (YR)<br>Forensics: Competitive Speech* (YR)<br><br>*Does not meet Millard Fine Arts Requirement |

### Additional Program Requirements

| 9 <sup>th</sup> Grade Community and Service   | 10 <sup>th</sup> Grade Community and Service  |
|---|---|
| 20 Hours – Verification and PLP reflection should be submitted to<br>IB-MYP Coordinator by the end of the school year.<br><i>10 hours may be completed through participation in an Activity at MNHS</i> | 20 Hours – Verification and PLP reflection should be submitted to<br>IB-MYP Coordinator by the end of the school year.<br><i>10 hours may be completed through participation in an Activity at MNHS</i> |
| IB-MYP Meetings   | Personal Project  |
| Bi-Monthly meetings with the Program Coordinator to discuss community<br>and service, assessments, and introduction to the Personal Project.  | Meetings with Project Supervisor and completion of a product<br>and written reflection of the process.  |

## INTERNATIONAL BACCALAUREATE® DIPLOMA PROGRAMME

### Diploma Programme (IBDP)

The International Baccalaureate® (IB) Diploma Programme, created in 1968, is a demanding pre-university course of study that leads to examinations and is designed for highly motivated secondary school students aged 16 to 19 in the 11<sup>th</sup> and 12<sup>th</sup> grades. The program has earned a reputation for rigorous assessment, giving IB diploma holders access to the world's leading universities. The International Baccalaureate® Organization has shown that students are well prepared for university work.

The Diploma Programme's grading system is criterion referenced. Each student's performance is measured against well-defined levels of achievement consistent from one examination session to the next. Grades reflect attainment of knowledge and skills relative to set standards that are applied equally to all schools.

The program is a comprehensive two-year international curriculum that generally allows students to fulfill the requirements of their national or state education systems. The Diploma Programme incorporates the best elements of national systems without being based on any one. Internationally mobile students are able to transfer from one IB school to another while students who remain closer to home benefit from a highly respected international curriculum.

The program was born of efforts to establish a common curriculum and university entry credential for students moving from one country to another. International educators were motivated by practical considerations but also by an idealistic vision. Students should share an academic experience that would emphasize critical thinking, intercultural understanding, and exposure to a variety of points of view.

The IB's goal is to provide students with the values and opportunities that will enable them to develop sound judgment, make wise choices, and respect others in the global community. The Diploma Programme equips students with the skills and attitudes necessary for success in higher education and employment.

The six academic subjects are studied concurrently; students are required to study both the humanities and the sciences. Diploma candidates must select one subject from each of the six groups. At least three but not more than four are taken at higher level (HL), while the others are standard level (SL); HL courses span two years of study, while SL courses represent one year. Students are thus able to explore some subjects in depth and others more broadly. The science-oriented student is challenged to learn a foreign language, and the natural linguist becomes familiar with laboratory procedures. The subjects are continually reviewed and revised collaboratively by IB teachers to meet contemporary needs.

The IB-DP curriculum at Millard North High School consists of six subject groups:

|                |                                  |  |
|----------------|----------------------------------|--|
| <b>Group 1</b> | <b>Language A</b>                | <b>English HL</b> (best language)  |
| <b>Group 2</b> | <b>Language B</b>                | (second language) <b>French B SL, German B SL, Latin SL, Spanish B SL</b>  |
| <b>Group 3</b> | <b>Individuals and Societies</b> | <b>Early Modern World History SL/HL I, History of the Americas HL II, Psychology SL, Business Management SL/HL</b> |
| <b>Group 4</b> | <b>Experimental Sciences</b>     | <b>Biology SL/HL, Chemistry HL, Physics SL/HL, Computer Science HL</b>   |
| <b>Group 5</b> | <b>Mathematics</b>               | <b>Mathematical Studies SL, Mathematics SL/HL</b>  |
| <b>Group 6</b> | <b>Electives</b>                 | <b>Latin SL, Music SL, Psychology SL, Visual Arts SL/HL, Film SL/HL, or a second science from Group 4</b>          |

*HL = Higher Level  
SL = Standard Level*

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**Theory of Knowledge (TOK):** TOK is an interdisciplinary requirement intended to stimulate critical reflection on knowledge and experience gained inside and outside the classroom. The course challenges students to question the bases of knowledge, to be aware of subjective and ideological biases, and to develop the ability to analyze evidence. TOK is a key element in encouraging students to appreciate other cultural perspectives. The course is unique to International Baccalaureate®, which recommends at least 100 hours of teaching time spanning the program's two years. Diploma candidates are encouraged to reflect on all aspects of their work throughout the program. They examine the grounds for the moral, political, and aesthetic judgments that individuals must make in their daily lives.

**Creativity, Action, Service (CAS):** The IB's goal is to educate the whole person, to help students become responsible, compassionate citizens. The CAS requirement of one afternoon each week while in the two-year program encourages students to share their energy and special talents with others; students may, for example, participate in theatre or musical productions, sports and community service activities. Students should, through these activities, develop greater awareness of themselves and concern for others, and the ability to work cooperatively with other people.

Creativity is interpreted broadly. It includes a wide range of arts activities but can also be defined as the creativity students show in designing and implementing service projects. Action can include participation in individual and team sports, taking part in expeditions, and in local or international projects. Service encompasses a host of community and social service activities, such as helping children with special needs, visiting hospitals, and working with refugees or homeless people.

**Extended Essay (4,000 words):** Each student has the opportunity to investigate a topic of special interest. The research-based essay requirement acquaints diploma candidates with the kind of independent research and writing skills expected by universities. The IB recommends that a student devote a total of about 40 hours of private study and writing time to the essay, which may be written in English, French, or Spanish. The essay permits students to deepen their programs of study, for example by selecting a topic in one of their higher level (HL) courses; they might add breadth to their academic experience by electing to write in a subject not included in their program choices.

**Assessment and Award of Diploma:** Classroom teachers and IB DP examiners work in partnership to ensure that students have ample opportunity to demonstrate what they have learned. Responsibility for all academic judgments about the quality of candidates' work rests with some 4,000 IB teachers/examiners around the world, led by chief examiners with international authority in their fields. Over 100,000 students annually are assessed by the IBO. Each year approximately 80% of candidates who attempt the diploma succeed in earning it worldwide.

All IB Diploma candidates are required to test in one subject from each of the six groups. At least three and not more than four of the six subjects are taken at the Higher Level, the others at Standard Level. Each examined subject is graded on a scale of 1 (minimum) to 7 (maximum). The award of the Diploma requires a minimum total of 24 points and the satisfactory completion of three additional core requirements: the **Extended Essay**, the courses entitled **Theory of Knowledge (TOK)**, and **Creativity, Action, Service (CAS)**. Up to 3 additional Diploma Points may be awarded for an Extended Essay or Theory of Knowledge essay above the minimum acceptable passing grade. A final, official IB transcript will be sent by the International Baccalaureate® following the grade awarding and upon the request of the student. Results are available in July for May session candidates. Students also must satisfy the Millard School District Graduation Requirements to receive the Millard North High School diploma.

Students wanting to pursue the IB Diploma Programme are encouraged to begin the study of a world language in seventh grade. It is also preferable to have completed Algebra and/or Geometry by the end of eighth grade. Where there is no comparable AP course, students not in the Diploma Programme may register for unique IB DP courses: IB Film, TOK I and II, IB Early Modern World History SL/HL I, and Visual Arts. External IB examination would not be permitted for such students.

Meetings for interested parents and students are held in January. Applications are due by mid-February of the student's 8<sup>th</sup> grade year. For further information about the IB Diploma Programme, contact the International Baccalaureate® Diploma Coordinator at (402) 715-1363.

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## INTERNATIONAL BACCALAUREATE® DIPLOMA PROGRAMME

Offered at Millard North only

| Course  | Course Name  | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Page Number |
|---|--|---------|-------|------------------------|---------------|----------|-------------|
|   |  |         |       |                        |               |          |             |
| <b>INTERNATIONAL BACCALAUREATE® DIPLOMA PROGRAMME</b> |  |         |       |                        |               |          |             |
| 0016 A/B  | IB English HL I                                    | 10      | 11    |                        | 0003, 0004    | •        | 39          |
| 0017 A/B  | IB English HL II                                   | 10      | 12    |                        | 0016 †        | •        | 39          |
| 0120 A/B  | IB German B SL                                     | 10      | 12    |                        | 0118          |          | 77          |
| 0140 A/B  | IB French B SL                                     | 10      | 12    |                        | 0138          |          | 75          |
| 0160 A/B  | IB Spanish B SL                                    | 10      | 12    |                        | 0158          |          | 78          |
| 0161 A/B  | IB Latin SL  | 10      | 12    |                        | 0164          |          | 79          |
| 0171 A/B  | IB Spanish A2 HL A                                 | 10      | 12    |                        | 0158          |          | 78          |
| 0554 A/B  | IB Business Management SL/HL I                     | 10      | 11    |                        |               |          | 21          |
| 0555 A/B  | IB Business Management SL/HL II                    | 10      | 12    |                        | 0554          |          | 22          |
| 0266 A/B  | IB Computer Science HL I                           | 10      | 11    |                        | 0563          |          | 23          |
| 0267 A/B  | IB Computer Science HL II                          | 10      | 12    |                        | 0266          |          | 24          |
| 0245 A/B  | IB Mathematics HL I                                | 10      | 11    |                        | 0239          | •        | 48          |
| 0246 A/B  | IB Mathematics HL II                               | 10      | 12    |                        | 0245          | •        | 48          |
| 0247 A/B  | IB Mathematical Studies SL                         | 10      | 11-12 |                        | 0231 or 0233  | •        | 48          |
| 0248 A/B  | IB Mathematics SL                                  | 10      | 11-12 |                        | 0239          | •        | 48          |
| 0268 A/B  | IB Mathematics Analysis & Approaches HL I          | 10      | 11    |                        | 0233          |          | 48          |
| 0269 A/B  | IB Mathematics Analysis & Approaches HL II         | 10      | 12    |                        | 0268          |          | 48          |
| 0270 A/B  | IB Mathematics Applications & Interpretation HL I  | 10      | 11    |                        | 0233          |          | 48          |
| 0271 A/B  | IB Mathematics Applications & Interpretation HL II | 10      | 12    |                        | 0270          |          | 49          |
| 0272 A/B  | IB Mathematics Applications & Interpretation SL    | 10      | 11    |                        | 0231          |          | 49          |
| 0371 A/B  | IB Chemistry HL I                                  | 10      | 11    |                        | 0321          | •        | 62          |
| 0372 A/B  | IB Chemistry HL II                                 | 10      | 12    |                        | 0371          | •        | 62          |
| 0375 A/B  | IB Biology SL                                      | 10      | 11-12 |                        |               | •        | 62          |
| 0376 A/B  | IB Biology HL I                                    | 10      | 11    |                        | 0334          | •        | 62          |
| 0378 A/B  | IB Biology HL II                                   | 10      | 12    |                        | 0376          | •        | 63          |
| 0380 A/B  | IB Physics SL                                      | 10      | 11-12 |                        | 0321 †        | •        | 63          |
| 0381 A/B  | IB Physics HL I                                    | 10      | 11    |                        | 0321 †        | •        | 63          |
| 0382 A/B  | IB Physics HL II                                   | 10      | 12    |                        | 0381          | •        | 63          |
| 0458 A/B  | IB Early Modern World History SL/HL I              | 10      | 11-12 |                        |               | •        | 66          |
| 0433 A/B  | IB Psychology SL                                   | 10      | 11-12 |                        |               | •        | 67          |
| 0455 A/B  | IB History of the Americas HL II                   | 10      | 12    |                        | 0418          | •        | 67          |
| 0727 A/B  | IB Visual Arts SL                                  | 10      | 11-12 |                        | 0706          |          | 18          |
| 0728 A/B  | IB Visual Arts HL I                                | 10      | 11    | F                      | 0706          |          | 18          |
| 0729 A/B  | IB Visual Arts HL II                               | 10      | 12    |                        | 0728          |          | 18          |
| 0767 A/B  | IB Music SL Band                                   | 10      | 11-12 | F                      |               |          | 53          |
| 0769 A/B  | IB Music SL Orchestra                              | 10      | 11-12 | F                      |               |          | 53          |
| 0850  | IB Theory of Knowledge I                           | 5       | 11    | HR                     |               |          | 117         |
| 0851  | IB Theory of Knowledge II                          | 5       | 12    | HR                     | 0850          |          | 117         |
| 0073 A/B  | IB Film SL   | 10      | 11-12 |                        |               |          | 43          |
| 0074 A/B  | IB Film HL I                                       | 10      | 11    |                        |               |          | 43          |
| 0075 A/B  | IB Film HL II                                      | 10      | 12    |                        | 0074          |          | 43          |

F = Fulfills Fine and Performing Arts Graduation Requirement

HR = Fulfills Human Resources Graduation Requirement

† = See course descriptions for additional requirements.

\*Course descriptions are included within each department description: see page listed above.

**0850 IB THEORY OF KNOWLEDGE I****11 North only 5 Credits**

**Description:** The Theory of Knowledge course is a required component of all International Baccalaureate® Programme diploma candidates and is an elective course for students not working toward an IB diploma. The course may be seen as a matrix in which the distinct forms of knowledge specific to the various subject areas can be critically evaluated, compared and contrasted, and, to an appropriate degree, integrated. The Theory of Knowledge course is intended to encourage students to develop a critical awareness of what they and others know through analyzing concepts, arguments and the basis of value judgments. The course is taught as a two-year sequence beginning in the junior year. TOK I will satisfy the 5 credit Human Resources requirement in 11<sup>th</sup> grade.

**Prerequisites:** None

**0851 IB THEORY OF KNOWLEDGE II****12 North only 5 Credits**

**Description:** This course is the second year of a required component of the International Baccalaureate® Programme. It is a continuation and expansion of the TOK curriculum taught in the 11<sup>th</sup> grade. The course includes an oral project as the internal IB assessment and culminates with the TOK Essay as the external assessment. TOK II is five credits of electives in 12<sup>th</sup> grade.

**Prerequisites:** IB Theory of Knowledge I

## Millard North High School IB Exams Offered and Course Completion Sequence

| PROJECTED IB DP EXAM                     | 9 <sup>th</sup> Grade                           | 10 <sup>th</sup> Grade  | 11 <sup>th</sup> Grade                      | 12 <sup>th</sup> Grade  |
|--|---|---|---|---|
| <b>Group 1 - Language A1</b>             |   |   |   |   |
| English HL - Literature                  | Honors English 9                                | Honors English 10   | IB English HL I                             | IB English HL II  |
| <b>Group 2 - Language B</b>              |   |   |   |   |
| French SL                                | Honors French II                                | Honors French III   | Honors French IV                            | IB/AP French SL   |
| German SL                                | Honors German II                                | Honors German III   | Honors German IV                            | IB/AP German SL   |
| Latin SL                                 | Latin I   | Latin II  | Latin III                                   | IB/AP Latin SL  |
| Spanish SL                               | Honors Spanish II                               | Honors Spanish III  | Honors Spanish IV                           | IB Spanish SL   |
| <b>Group 3 – Individuals and Society</b> |   |   |   |   |
| IB Business Management SL/HL             |   |   | IB Business Management SL/HL I              | IB Business Management SL/HL II   |
| IB Early Modern World History SL/HL I    | World Geography or AP Human Geography           | World History or AP World History   | IB Early Modern World History SL/HL I       | U.S. History or AP U.S. History <b>and</b> U.S. Government and Economics or AP U.S. Government and Politics |
| History of the Americas HL               | World Geography or AP Human Geography           | World History or AP World History   | IB Early Modern World History SL            | IB History of Americas HL II <b>and</b> U.S. Government and Economics or AP U.S. Government and Politics    |
| Psychology SL                            | World Geography or AP Human Geography           | World History or AP World History   | IB Psychology SL                            | U.S. History or AP U.S. History <b>and</b> U.S. Government and Economics or AP U.S. Government and Politics |
| <b>Group 4 - Experimental Sciences</b>   |   |   |   |   |
| Biology SL                               | <b>Biology</b>                                  | <b>Chemistry</b><br>Physical Science: Chemistry                               | <b>Physics</b><br>Physical Science: Physics | <b>IB Biology SL</b>  |
|  | Biology   | Introduction to IB Chemistry & IB Physics                                     | IB Biology SL/HL I                          | Science Elective  |
|  | Biology   | Introduction to IB Chemistry & IB Physics                                     | Science Elective                            | IB Biology SL   |
| Biology HL                               | <b>Chemistry</b><br>Physical Science: Chemistry | <b>Physics</b> or<br>AP Physics 1: Algebra-Based or Physical Science: Physics | <b>IB Biology SL/HL I</b>                   | <b>IB Biology HL II</b>   |
| Chemistry HL                             | <b>Biology and Chemistry</b>                    | <b>Physics</b> or<br>AP Physics 1: Algebra-Based                              | <b>IB/AP Chemistry HL I</b>                 | <b>IB Chemistry HL II</b>   |
|  | Biology   | Introduction to IB Chemistry & IB Physics                                     | IB/AP Chemistry HL I                        | IB Chemistry HL II  |

**Preferred sequences in bold**

**Millard North High School**  
**IB Exams Offered and Course Completion Sequence**

| <b>Group 4 - Experimental Sciences (cont.)</b>                        | <b>9<sup>th</sup> Grade</b>                          | <b>10<sup>th</sup> Grade</b>                       | <b>11<sup>th</sup> Grade</b>   | <b>12<sup>th</sup> Grade</b>  |
|---|--|--|--|---|
| Physics SL  | <b>Biology</b>                                       | <b>Chemistry</b>                                   | <b>Physics</b> or<br>AP Physics 1: Algebra-Based                                     | <b>IB Physics SL/HL I</b>   |
|   | Biology  | Introduction to IB Chemistry & IB Physics          | IB Physics SL/HL I   | Science Elective  |
| Physics HL  | <b>Biology and Chemistry</b>                         | <b>Physics</b> or<br>AP Physics 1: Algebra-Based   | <b>IB Physics SL/HL I</b>  | <b>IB Physics HL II</b>   |
|   | Biology  | Introduction to IB Chemistry & IB Physics          | IB Physics HL I  | IB Physics HL II  |
| Computer Science HL   |  | Computer Science Programming                       | Computer Science HL I  | Computer Science HL II  |
| <b>Group 5 - Mathematics</b>  |  |  |  |   |
| Mathematical Studies SL   | <b>Geometry</b><br>Algebra I<br>Geometry             | <b>Algebra II</b><br>Geometry<br>Algebra II        | <b>IB Mathematical Studies SL</b><br>Algebra II<br>Precalculus                       | <b>Elective</b><br>IB Mathematical Studies SL<br>IB Mathematical Studies SL   |
| Mathematics SL  | <b>Honors Algebra II</b><br>Honors Geometry          | <b>Honors Precalculus</b><br>Honors Algebra II     | <b>IB Mathematics SL</b><br>Honors Precalculus                                       | <b>Elective</b><br>IB Mathematics SL  |
| Mathematics HL  | Honors Algebra II                                    | Honors Precalculus                                 | IB Mathematics HL I  | IB Mathematics HL II  |
| <b>Group 6 – Arts &amp; Electives</b>                                 |  |  |  |   |
| Visual Arts SL<br>Visual Arts HL                                      | Art Foundations/Elective<br>Art Foundations/Elective | Intro to IB Visual Arts<br>Intro to IB Visual Arts | IB Visual Arts SL<br>IB Visual Arts HL I   | Elective<br>IB Visual Arts HL II  |
| Film SL   |  |  | IB Film SL/HL I  | IB Elective   |
| Film HL   |  |  | IB Film SL/HL I  | IB Film HL II   |
| Music SL  | Any Band or Orchestra                                | Any Band or Orchestra                              | IB Music SL Any Band or Orchestra (one class period)                                 | Any Band, Orchestra or Elective   |
| Latin SL<br>Psychology SL<br>A second science from Group 4 (SL or HL) | Latin I  | Latin II   | Latin III<br>IB Psychology SL<br>IB Biology SL/HL I<br>IB Physics SL, Chemistry HL I | IB Latin SL<br>Elective<br>IB Biology HL II<br>IB Chemistry HL II or<br>IB Physics HL II                                |
| <b>IB DP Core Requirements</b>  |  |  |  |   |
| Theory of Knowledge   |  |  | Elective (1 <sup>st</sup> semester)<br>IB TOK I (2 <sup>nd</sup> semester)           | IB TOK II (1 <sup>st</sup> semester)<br>US Govt. & Econ. (2 <sup>nd</sup> semester) or<br>AP U.S. Government & Politics |
| Extended Essay (not a course)   |  |  | Extended Essay   | Complete Extended Essay (2 <sup>nd</sup> semester)  |
| CAS (not a course)  |  |  | CAS hours one afternoon per week   |   |

**Preferred sequences in bold**

## OTHER OPPORTUNITIES

| Course                     | Course Name                    | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|----------------------------|--------------------------------|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>OTHER OPPORTUNITIES</b> |                                |         |       |                        |               |          |                     |                   |                   |                  |
| PD80                       | Academic Seminar               | 5       | 9-12  |                        |               |          | •                   | •                 | •                 | •                |
| PD85                       | Academic Seminar Leadership    | 5       | 10-12 |                        |               |          | •                   | •                 | •                 | •                |
| ---                        | ELO Reteaching Courses         | 5       |       |                        |               |          | •                   | •                 | •                 | •                |
| ---                        | Independent Study Courses      | 5 or 10 |       |                        |               |          |                     | •                 | •                 | •                |
| ---                        | ACT <sup>®</sup> Prep Workshop | 0       | 9-12  |                        |               |          | •                   | •                 | •                 | •                |
| 0208                       | Modular Mathematics            | 10      |       |                        | †             |          |                     | •                 | •                 | •                |
| UNMC1-15                   | UNMC High School Alliance      | 40      | 11-12 |                        |               |          |                     | •                 | •                 | •                |
| ZA                         | Zoo Academy                    | 45      | 11-12 |                        |               |          |                     | •                 | •                 | •                |

† = See course description for additional requirements.

**PD80 ACADEMIC SEMINAR****9-12**

5 Credits

**Description:** This elective course is for motivated students who want the challenge of a rigorous course and are concerned about taking an academic risk. Academic Seminar provides the opportunity to refine work habits and attitudes necessary for success while enrolled in a course that is the student's personal academic stretch. The course will focus on strengthening and applying critical reading, vocabulary, writing, and mathematical reasoning while improving organization, time management, and study skills, developing test taking skills and strategies, and practicing effective decision making and self-advocacy strategies. Students will diagnose their individual needs while setting, measuring, and attaining S.M.A.R.T. Goals related to academic improvement. The course includes customized support and advisement from instructors and peer tutors. Along with external support, the student will self-monitor work habits and academic progress in all courses.

**Prerequisites:** An application process to be completed through the High School Guidance Office. Participation in this course is limited to one time and must be taken concurrently with at least one other course that requires increased academic rigor so that techniques learned in this course can be immediately applied outside of this course.

**PD85 ACADEMIC SEMINAR LEADERSHIP****10-12**

5 Credits

**Description:** This elective course provides an opportunity for students to apply the Millard Public Schools College and Career Readiness Standards and Indicators by refining leadership characteristics, problem solving skills, communication skills, and abilities needed to assist fellow students in their personal academic success. Student leaders will apply their learning while serving as mentors within the Academic Seminar course. Student leaders will be trained and assessed on the application of ethics and professionalism in the classroom and facilitation skills and strategies applicable to individual and small group leadership. Student leaders serve as active peer models and tutors while having a direct, positive impact on the academic and personal development of others.

**Prerequisites:** An application process to be completed through the High School Guidance Office. Participation in this course is limited to one time.

**ESSENTIAL LEARNER OUTCOME (ELO) RETEACHING COURSES**

5 Credits

Elective review courses may be available for students who have not met cut scores in Essential Learner Outcomes of College and Career Readiness in Reading, Mathematics or Science. Students will acquire knowledge and skills in areas of deficiency, develop reading strategies that apply to the respective discipline, and apply test-taking strategies in the respective discipline.

**ACT<sup>®</sup> PREP WORKSHOP (before/after school and/or summer school)**

Not for credit

**Description:** Students will review test-taking skills for the ACT<sup>®</sup> by applying strategies required for successful completion of this test. The workshop does not take the place of academic preparation gained through high school courses. Through focused instruction, practice with actual test items, and independent activities, students diagnose their individual needs and implement plans to improve their immediate scores and enhance academic performance in high school and in college. The workshop will include a timed practice section of each area of the test, test-taking strategies, review of all test instructions, timing techniques, avoidance of common errors, and development of positive thinking.

**0208 MODULAR MATHEMATICS****11-12**

10 Credits

**Description:** Students will refresh basic computational, geometry, algebra, data and problem solving skills in an online modular environment. Topics include fractions, decimals, ratios, proportions, percents, operations with integers, solving linear equations, and inequalities, operations with polynomials, factoring, integer exponents, and representing various equations on a graph. Trades math specialized topics include lateral surface area, total surface area and volume of solids, significant digits, and measurement conversion.

**Prerequisites:** Placement recommendation from Building Data Team and/or Instructor

**Dual Enrollment Credit:** This course is offered for dual enrollment credit from Metropolitan Community College in student's choice of one of three tracks. *General Studies:* MATH 0910, MATH 0930, MATH 0931, and MATH 1310 (4.5 credits) or *Trades:* MATH 0910 and MATH 1240 (4.5 credits) or *Business:* MATH 0910 and MATH 1220 (4.5 credits).

**UNMC1-15 UNMC HIGH SCHOOL ALLIANCE****11-12**

40 Credits

**Description:** Millard Public Schools will participate in a partnership with the University of Nebraska Medical Center (UNMC) to offer science classes to high school juniors and seniors selected to participate in the UNMC High School Alliance. The Alliance will provide students with the opportunity to observe, shadow and work alongside health care professionals and researchers at UNMC. Students who are interested in pursuing a career in health care research should consider applying to the UNMC Alliance. The Alliance students will take classes that are not available in the traditional high school setting. These accredited classes will be taught in partnership by UNMC faculty and certified high school teachers on the UNMC campus. Students will attend their Millard high school in the morning and would then travel to UNMC for their Alliance classes in the afternoon. Participation in the UNMC High School Alliance requires a one year commitment. Participants will earn 20 credits per semester toward Millard high school graduation.

Eligibility:

- Be a current sophomore or junior to apply for the following school year
- Be at least 16 years of age at the beginning of the upcoming school year
- Have completed and received a grade of "B" or better in Algebra I, Biology, a physical science course, and a third year of science (juniors can be currently enrolled in their third year of science)
- Obtain parental/guardian permission
- Be enrolled in a participating high school for the entire school year
- Be on track for graduation
- Students will be responsible for transportation to UNMC

Submit an application by the deadline. The deadline varies from year to year, contact your schools guidance office for the most up-to-date information on applications. See the UNMC Health Science Alliance website for additional information: <http://www.unmc.edu/alliance/>

**ZA ZOO ACADEMY****11-12**

45 Credits

**Description:** Millard Public Schools will participate in a partnership with the Henry Doorly Zoo and Aquarium to offer classes to high school juniors and seniors selected to participate in the Zoo Academy along with students from other local school districts. The Academy will provide students with the opportunity to observe, shadow and work alongside zoo professionals and researchers. Students who are interested in pursuing a career in animal science or conservation should consider applying to the Zoo Academy. Participants in the Zoo Academy may select either an Animal Science Pathway or a Conservation Research Pathway. The Zoo Academy students will take classes that are not available in the traditional high school setting. These accredited classes will be taught by certified high school teachers at the Henry Doorly Zoo. Zoo Academy students attend their Millard high school half of their school day and travel to the Zoo for the remaining half day. Participation in the Zoo Academy requires a two year commitment. Participants will earn 22.5 credits per semester toward Millard high school graduation.

Eligibility:

- Be a current sophomore to apply
- Be on-track for graduation and enrolled in your assigned high school for the entire school year
- Have parental consent for participation
- Students will be responsible for transportation to the Henry Doorly Zoo

Submit an application online. Deadline varies by year, check with your schools counseling office for deadline for the current year. Additional information can be found at [www.Omahazoo.com/ZooAcademy](http://www.Omahazoo.com/ZooAcademy)

**INDEPENDENT STUDY COURSES**

5 or 10 Credits

**Description:** Students will be required to meet with a coordinating independent study teacher for a block of time on a daily basis. Students must complete a minimum of 80 hours contact time to earn 5 credits and 160 contact hours for 10 credits. Independent studies can only be taken for course work that exceeds the sequence of course offerings and other elective courses within the discipline and/or Diploma Path. Independent studies count toward elective credit only.

Teachers work with students on independent studies voluntarily as an extra part of their workload. The student and teacher must mutually agree upon the requirements and expectations for granting of credit. The student and teacher must create a contract that they both sign including the meeting times, learning expectations, and outcomes. This contract should be presented to and approved by the Assistant Principal for Curriculum and Instruction. Once this contract has been approved, the student should register for the independent study with the building registrar. No more than 10 credits may be earned through Independent Study.

**TRANSFER CREDIT COURSES for Students Currently Enrolled**

**Description:** Millard Public Schools high school students may earn transfer credit from other institutions as defined in Board of Education Rule 6320.4. Transfer credits are defined as any credit not earned at a Millard Public Schools high school. Millard Public Schools reserves the sole right to grant credit for work completed at or through other institutions. Courses must be pre-approved. Students must complete a *Millard Public Schools Transfer Credit Application* and submit to their high school registrar for consideration.

## ACADEMIES AT METROPOLITAN COMMUNITY COLLEGE

| Course   | Course Name                                | Credits | Grade | Graduation Requirement | Prerequisites | Dual Enrollment Credit | ACT Core | Horizon High School   | North High School | South High School | West High School |
|--|--|---------|-------|------------------------|---------------|------------------------|----------|---|-------------------|-------------------|------------------|
| <b>ACADEMIES AT METROPOLITAN COMMUNITY COLLEGE</b> |  |         |       |                        |               |                        |          |   |                   |                   |                  |
| 0837 A/B/C/D                                       | Auto Collision Technology - Year 1         | 10      | 11-12 |                        |               | M                      |          | These academies are located at a Metropolitan Community College campus.<br><br>Application is open to all Millard students. |                   |                   |                  |
| 0837 A/B/C/D                                       | Auto Collision Technology - Year 2         | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0838 A/B/C/D                                       | Automotive Technology - Year 1             | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0838 A/B/C/D                                       | Automotive Technology - Year 2             | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0842 A/B/C/D                                       | Criminal Justice                           | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0845 A/B/C/D                                       | Diesel Technology - Year 1                 | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0845 A/B/C/D                                       | Diesel Technology - Year 2                 | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0843 A/B/C/D                                       | Electrical Technology - Year 1             | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0843 A/B/C/D                                       | Electrical Technology - Year 2             | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0854 A/B/C/D                                       | Digital Cinema/Filmmaking                  | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0858 A/B/C/D                                       | Emergency Medical Technician               | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0868 A/B/C/D                                       | Fire Science Technology - Year 1           | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0869 A/B/C/D                                       | Fire Science Technology - Year 2           | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0870 A/B/C/D                                       | Pre-Apprenticeship Plumbing                | 10      | 11-12 |                        | Plumbing      | M                      |          |   |                   |                   |                  |
| 0835 A/B/C/D                                       | Theatre Technology Apprenticeship - Year 1 | 20      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0835 A/B/C/D                                       | Theatre Technology Apprenticeship - Year 2 | 20      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0871 A/B/C/D                                       | Utility Line Technician                    | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0852 A/B/C/D                                       | Welding I - Year 1                         | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0853 A/B/C/D                                       | Welding Technology - Year 2                | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |

M = Metropolitan Community College

These academies are available to all Millard high school students and are located at a Metropolitan Community College campus. Course descriptions for the MCC Academies can be found online at <https://www.mcneb.edu/Academics/Programs-of-Study.aspx>

### METROPOLITAN COMMUNITY COLLEGE ACADEMIES

#### DUAL CREDIT

Students may earn college credit by completing a Metropolitan Community College Academy. Students who meet the following conditions are eligible to participate in an academy:

- Be a high school junior or senior
- Be 16 years old
- Have transportation to and from classes and internship/apprenticeship site
- Complete an application and be selected to participate (See counselor for application)
- Pay MCC tuition - current tuition is one half the MCC full time student rate

## METROPOLITAN COMMUNITY COLLEGE COURSES

**0837 AUTO COLLISION TECHNOLOGY - Year 1** **11-12** 10 Credits  
**0837 AUTO COLLISION TECHNOLOGY - Year 2** **12** 10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the Applied Technology Center of Metropolitan Community College and participate in a paid internship program. The student will complete the following courses:

|           |                           |           |                               |
|-----------|---------------------------|-----------|-------------------------------|
| AUTB 1200 | Non-Structural Repair I   | AUTB 1040 | Auto Collision Repair Welding |
| AUTB 2300 | Automotive Refinishing    | AUTB 1100 | Structural Repair I           |
| AUTB 1210 | Non-Structural Repair II  | AUTB 2310 | Automotive Refinishing II     |
| AUTB 1220 | Non-Structural Repair III |           |                               |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for more information.

**0838 AUTOMOTIVE TECHNOLOGY - Year 1** **11-12** 10 Credits  
**0838 AUTOMOTIVE TECHNOLOGY - Year 2** **12** 10 Credits

**Description:** This two-year program is provided through agreement with Metropolitan Community College. Students will attend classes at the South Omaha Campus of Metropolitan Community College. Over the two years, students will complete the following courses:

|           |   |           |  |
|-----------|---|-----------|--|
| AUTT 0900 | Automotive Fundamentals                     | AUTT 2310 | Suspension Systems                       |
| AUTT 1310 | Power Train Repair I                        | AUTT 1210 | Auto Electricity and Electronics I       |
| AUTT 1220 | Auto Electricity and Electronics II         | AUTT 1230 | Automotive Electricity & Electronics III |
| AUTT 1510 | Brake Repair I                              | AUTT 1320 | Power Train Repair II                    |
| AUTT 1330 | Power Train Repair III                      | AUTT 1620 | Heating and Air Conditioning I           |
| AUTT 1520 | Brake Repair II                             | AUTT 1710 | Engine Mechanical Service                |
| AUTT 1010 | Introduction to Auto Service & Minor Repair |           |  |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for more information.

**0842 CRIMINAL JUSTICE** **12** 10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the Sarpy Center Campus. Students will complete the following courses:

|           |                                  |           |                                 |
|-----------|----------------------------------|-----------|---------------------------------|
| CRIM 1010 | Introduction to Criminal Justice | CRIM 2300 | Community Relations             |
| CRIM 2030 | Police and Society               | CRIM 1030 | Courts and the Judicial Process |
| CRIM 1020 | Introduction to Corrections      | CRIM 2120 | Community Based Corrections     |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for information.

**0845 DIESEL TECHNOLOGY - Year 1** **11-12** 10 Credits  
**0845 DIESEL TECHNOLOGY - Year 2** **12** 10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the Applied Technology Center of Metropolitan Community College and participate in a paid internship program. The student will complete the following courses:

|           |  |           |  |
|-----------|--|-----------|--|
| DESL 0900 | Basics of Diesel Mechanics <i>This course is required to be taken the summer before.</i> |           |  |
| DESL 1000 | Diesel Preventative Maintenance  | DESL 1230 | Diesel Engine Fundamentals                   |
| DESL 2100 | Heavy Duty Drivetrain  | DESL 2150 | Truck ABS and Brakes                         |
| DESL 1210 | Electricity and Electronics  | DESL 1620 | Climate Control/Heating and Air Conditioning |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for more information.

**0854 DIGITAL CINEMA/FILMMAKING** **11-12** 10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the Elkhorn Valley Campus. Students will complete the following courses:

|           |                  |           |                        |
|-----------|------------------|-----------|------------------------|
| PHOT 1500 | Moving Image Lab | VACA 1110 | Intro to Scriptwriting |
| VACA 1130 | Video I - Studio | VACA 2900 | Art in Film            |
| VACA 2130 | Video II - Field |           |                        |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for information.

**0843 ELECTRICAL TECHNOLOGY - Year 1** 11-12 10 Credits  
**0843 ELECTRICAL TECHNOLOGY - Year 2** 12 10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the Fort Omaha Campus. Students will complete the following courses:

|           |                                       |           |                      |
|-----------|---------------------------------------|-----------|----------------------|
| ELTR 1200 | Basic Electricity                     | CNST 1020 | Blueprint Reading    |
| ELTR 2240 | National Electrical Code              | ELTR 1210 | Residential Wiring I |
| ELTR 1220 | Commercial Wiring                     | ELTR 2250 | Commercial Wiring II |
| EMSP 1010 | Heartsaver First Aid with CPR and AED | CNST 1110 | Construction Safety  |
| ELTR 1250 | Electric Service and Installation     |           |                      |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for information.

**0858 EMERGENCY MEDICAL TECHNICIAN** 12 10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the South Omaha Campus. Students will complete the following courses:

|           |                               |           |                                   |
|-----------|-------------------------------|-----------|-----------------------------------|
| EMSP 1000 | Cardiopulmonary Resuscitation | EMSP 1012 | Community Emergency Response Team |
| EMSP 1100 | Emergency Medical Technician  | HIMS 1120 | Medical Terminology I             |
| HIMS 1130 | Medical Terminology II        | WORK 1400 | Employability Skills              |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for information.

**0868 FIRE SCIENCE TECHNOLOGY - Year 1** 11-12 10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the Applied Technology Campus. Students will complete the following courses:

|           |  |           |  |
|-----------|--|-----------|--|
| FIST 1020 | Fire Behavior & Combustion                                   | FIST 1000 | Principles of Emergency Services                       |
| FIST 1070 | Fire Protection Systems                                      | FIST 2020 | Fire Prevention, Inspection & Codes                    |
| FIST 2040 | Principles of Fire & Emergency Services<br>Safety & Survival | FIST 1060 | Occupational Safety & Health for<br>Emergency Services |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for information.

**0869 FIRE SCIENCE TECHNOLOGY - Year 2** 11-12 10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the Applied Technology Campus. Students will complete the following courses:

|           |   |           |                                     |
|-----------|---|-----------|-------------------------------------|
| FIST 1050 | Building Construction for Fire Protection | FIST 2000 | Incident Command System             |
| FIST 2010 | Fire Investigation I                      | FIST 2030 | Legal Aspects of Emergency Services |
| FIST 2070 | Hazardous Materials Operations            | FIST 2900 | Selected Topics in Fire Science     |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for information.

**0870 PRE-APPRENTICESHIP PLUMBING** 11-12 10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the Fort Omaha Campus. Students will complete the following courses:

|           |                                       |           |                            |
|-----------|---------------------------------------|-----------|----------------------------|
| PLBG 1010 | Introduction to Plumbing              | PLBG 1020 | Basic Residential Plumbing |
| PLBG 1030 | Basic Commercial Plumbing             | CNST 1110 | Construction Safety        |
| EMSP 1010 | Heartsaver First Aid with CPR and AED |           |                            |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for information.

**0835 THEATRE TECHNOLOGY APPRENTICESHIP PROGRAM - Year 1** 11-12 20 Credits

**0835 THEATRE TECHNOLOGY APPRENTICESHIP PROGRAM - Year 2** 12 20 Credits

**Description:** This program is provided through a collaborative agreement with the Omaha Community Playhouse and Metropolitan Community College. Students will attend classes at the Omaha Community Playhouse. Students will complete the following courses:

|                       |                              |                       |                        |
|-----------------------|------------------------------|-----------------------|------------------------|
| THEA 1110             | Theatre Technology I         | THEA 1120             | Theatre Technology II  |
| THEA 2981, 2982, 2983 | Cooperative Study            | THEA 1130             | Theatre Technology III |
| THEA 2160             | Principles of Stage Lighting | THEA 2120             | Theatre History II     |
| THEA 2150             | Stage Rigging                | THEA 2984, 2985, 2986 | Cooperative Study      |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for more information.

**0871 UTILITY LINE TECHNICIAN****11-12**

10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the Applied Technology Campus. Students will complete the following courses:

|           |                            |           |                            |
|-----------|----------------------------|-----------|----------------------------|
| UTIL 1020 | Electricity                | UTIL 1030 | Ropes, Rigging, and Safety |
| UTIL 1240 | Underground Distribution 1 | UTIL 2020 | Transformer Theory         |
| UTIL 2240 | Underground Distribution 2 |           |                            |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for information.

**0852 WELDING AND FABRICATION TECHNOLOGY - Year 1****11-12**

10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the Fort Omaha Campus. Students will complete the following courses:

|           |  |           |   |
|-----------|--|-----------|---|
| WELD 1100 | Industrial Cutting Processes                   | WELD 1300 | Oxy Fuel Welding                        |
| WELD 1910 | Special Topics in Welding-SkillsUSA Training I | WELD 1400 | Gas Tungsten Arc Welding (GTAW)-Steel I |
| WELD 1200 | Gas Metal Arc Welding (MIG)-Steel I            | WELD 2240 | Flux-cored Arc Welding                  |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for information.

**0853 WELDING AND FABRICATION TECHNOLOGY - Year 2****12**

10 Credits

**Description:** This program is provided through agreement with Metropolitan Community College. Students will attend classes at the Fort Omaha Campus. Students will complete the following courses:

|           |   |           |                                       |
|-----------|---|-----------|---------------------------------------|
| WELD 2241 | Flux-cored Arc Welding II                       | WELD 1020 | Print Reading & Layout for Welders II |
| WELD 2220 | GMAW (MIG) Stainless                            | WELD 2230 | GMAW (MIG) Aluminum                   |
| DRAF 110b | AutoCAD Fundamentals II                         | WELD 1700 | Introductory Fabrication              |
| WELD 2910 | Special Topics in Welding-SkillsUSA Training II |           |                                       |

Students will be responsible for transportation, instructional materials, tuition, and fees at MCC.

**Prerequisites:** Approved application and interview. Contact your counselor for information.

# **Planning**

# **Resources**



## **POST-SECONDARY PLANNING**

### **PERSONAL LEARNING PLANS**

Personal Learning Plans (PLPs) help students understand themselves, develop and meet goals, and document their accomplishments. Students use the Personal Learning Plan (PLP) as a guide to prepare for graduation, post-secondary education and a career. To be best prepared for college and/or careers, students should challenge themselves in the following ways:

1. Take more than the minimum graduation requirements.
2. Take as many core classes as possible. This is the best preparation for the ACT®/SAT® test and will also enhance your success in college classes.
3. Take a variety of courses from different subject areas. High school is the time to develop interests and try something new.
4. Take the most challenging classes. Colleges and universities look for students who continue to challenge themselves with higher level courses.
5. Take at least one Advanced Placement® course.
6. Enroll in dual credit courses.
7. Pursue a diploma path.

To challenge yourself, take the ACT® core, Advanced Placement®, and Dual Enrollment courses while also preparing for a career. Many courses enable students to accomplish all of the above. Details about each of these opportunities are identified below.

### **ACT® SCORES AND CORE CURRICULUM**

ACT® scores are one of the best predictors of college success. To be well prepared for the ACT®, take classes ACT® considers core curriculum. The ACT® core curriculum consists of the following:

|                  |   |
|------------------|---|
| English          | 4 years or more   |
| Mathematics      | 3 years or more including Algebra I, Geometry, and Algebra II |
| Social Studies   | 3 years or more   |
| Natural Sciences | 3 years of science including Biology, Chemistry, and Physics  |

### **ADVANCED PLACEMENT®**

The Advanced Placement® program is an endeavor among secondary schools, colleges, and universities. AP courses provide students with the opportunity to take college-level courses in a high school setting. Based on performance on AP examinations, students may earn college credit, advanced placement at college or university, or both. This provides students the opportunity to reduce college tuition and graduate from college earlier. Research indicates that students who take an AP course and exam perform better in college than students who have not, even if only a 1 or 2 is earned (5 being the highest score).



Millard Public Schools began building an Advanced Placement® culture during the 2005-2006 school year as a result of the 2004 District Strategic Plan. As the district moved into the next phase of creating an AP culture, we highly encouraged all students to take at least one AP course and exam during their high school experience. In an effort to eliminate a potential financial barrier for students, the MPS Foundation continues their commitment to support the AP culture by contributing to AP exam fees not funded through UNO Dual Enrollment course registration. We thank the MPS Foundation and their donors for supporting this worthwhile endeavor as our students continue to strive toward completing the most rigorous courses during their high school years.

## PERSONAL LEARNING PLAN RUBRIC

As part of the Millard Public Schools Graduation Requirements, each student must complete the following parts of his/her Personal Learning Plan (PLP). The PLP will be completed using the *Naviance Family Connection* web site. Student progress will be monitored and recorded in Naviance by a school representative, such as an advisor, counselor, assistant principal or principal.

Students and parents may access *Naviance Succeed* from the link on each high school web page. The following table identifies tasks to be accomplished at each grade level.

| PLP Tasks   | Description  | 9th Grade | 10th Grade | 11th Grade | 12th Grade |
|---|--|-----------|------------|------------|------------|
| S.M.A.R.T. Goals                                      | Specific, Measurable, Attainable, Results-Oriented, Timebound  | X         | X          | X          | X          |
| Resumé  | Record of accomplishments and activities, updated when changes occur and at least annually                             | X         | X          | X          | X          |
| My Game Plan  | Post-secondary and/or college goals  | X         | X          | X          | X          |
| Four Year Course Plan                                 | Tool to determine sequence of courses to assist in college and career preparation through rigorous high school courses | X         | X          | X          | X          |
| Career Interest Profiler                              | Inventory to identify personal career preferences  | X         |            |            |            |
| Learning Styles Inventory                             | Inventory to identify personal learning style preferences  | X         |            |            |            |
| College and Career Readiness Measure                  | Assessment to measure College and Career Readiness Measure   | X         | X          |            |            |
| Do What You Are Inventory                             | Inventory to identify personality traits   |           | X          |            |            |
| Pre-ACT™<br><i>Academic Results and World of Work</i> | Academic assessment to identify areas of academic need and serves as a predictor of performance on the ACT®            |           | X          |            |            |
| Counselor Interview                                   | Individual interview to confirm post-secondary plans   |           |            |            | X          |
| Annual Reflection                                     | Prompts the student to reflect on activities that prepare for post-secondary plans                                     | X         | X          | X          | X          |

Each Personal Learning Plan must meet the following minimum quality guidelines:

| Task             | Quality   |
|------------------|---|
| S.M.A.R.T. Goals | Each goal reflects all five aspects of a S.M.A.R.T. Goal; Specific, Measurable, Attainable, Results-Oriented, Timebound.  |
| Resumé           | Answers for each aspect of the personal resumé are in complete sentences or detailed phrases. All information is included. If a student did not participate in an activity, he/she indicates "Did not Participate." |
| Reflections      | Answers are in complete sentences or detailed phrases. All questions are answered. "None" is not an acceptable answer. Details are encouraged.  |

- At least one month prior to graduation, the Senior PLP must be completed on *Naviance Family Connection*.
- Transfer students are expected to complete a Personal Learning Plan, with the understanding that the principal (or designee) may waive unreasonable requirements, based on student entrance.

## MPS DIPLOMA PATHS OVERVIEW

A world-class school district facilitates student goal-setting. Each high school student in the Millard Public Schools will choose a diploma path to pursue during his or her high school years. In addition to the **Regular Diploma**, students may choose from two other diploma paths.

One diploma path, the **Liberal Arts** path, specifically addresses the needs of students who plan to earn a baccalaureate degree after graduation. The second diploma path, the **Specialty** path, focuses on the needs of students who plan to specialize in a particular career field. In the Specialty areas, students must complete an approved sequence of study in a career field. Both paths include incentive categories by which students can achieve a more rigorous diploma by taking more classes and achieving a higher GPA. These incentive categories are labeled "Commended" and "Distinguished". The minimum requirements for the diploma paths and categories are outlined below.

| Criteria   | Regular | Liberal Arts<br>Commended | Liberal Arts<br>Distinguished   | Specialty<br>Commended            | Specialty<br>Distinguished        |
|--|---------|---------------------------|---------------------------------|-----------------------------------|-----------------------------------|
| English  | 35      | 40                        | 40*                             | 35                                | 35                                |
| Mathematics  | 30      | 40                        | 40*                             | 30                                | 30                                |
| Social Studies                                     | 30      | 30                        | 30*                             | 30                                | 30                                |
| Science  | 30      | 35                        | 35*                             | 30                                | 30                                |
| World Language                                     |         | 20                        | 20*                             |                                   |                                   |
| Additional Core<br>Credits                         |         |                           | 40 from any<br>asterisked areas |                                   |                                   |
| Physical Education                                 | 15      | 15                        | 15                              | 15                                | 15                                |
| Healthy Living<br>(Everyday Living)                | 5       | 5                         | 5                               | 5                                 | 5                                 |
| Arts   | 5       | 5                         | 5                               | 5                                 | 5                                 |
| Human Resources                                    | 5       | 5                         | 5                               | 5                                 | 5                                 |
| Oral Communications                                | 5       | 5                         | 5                               | 5                                 | 5                                 |
| Financial Literacy                                 | 5       | 5                         | 5                               | 5                                 | 5                                 |
| Required Electives                                 | 65      | 35                        | 5                               | 45                                | 35                                |
| Specialty Area                                     |         |                           |                                 | 30                                | 50                                |
| AP/IB DP Credits<br>(included in total<br>credits) |         | (20)<br>from any area     | (40)<br>from any area           |                                   |                                   |
| Total Credits                                      | 230     | 240                       | 250                             | 240                               | 250                               |
| GPA  |         | 3.0 Overall               | 3.5 Overall                     | 3.0 in Spec. Area;<br>2.0 Overall | 3.5 in Spec. Area;<br>2.5 Overall |

The Specialty Diploma Path Career Field areas include: **Business, Marketing, and Management** (Business Management & Administration, Finance and Marketing); **Communication and Information Systems** (Journalism, Visual Arts, Performing Arts, and Information Technology); **Health Sciences** (Therapeutic Services and Diagnostic & Research Services); **Human Sciences and Education** (Human Sciences, Education & Training, and Law, Public Safety & Security); **and Skilled and Technical Sciences** (Construction; Engineering; Manufacturing; Power, Energy and Mechanized Systems; Electrical; Diesel; Automotive; Fire Science; Pre-Apprenticeship Plumbing; Utility Line; and Business & Logistics Management).

These diploma paths function as one tool to help students set goals challenging themselves to reach their full potential. It supports the philosophy that the path to graduation begins much earlier than senior year. Determining one's diploma path will begin through completion of the Personal Learning Plan.

To learn which diploma paths are offered at each high school, refer to each school's web site.

Courses offered are subject to availability.

## SPECIALTY DIPLOMA PATH

The Specialty Diploma Path is for students who plan to specialize in the following career fields:

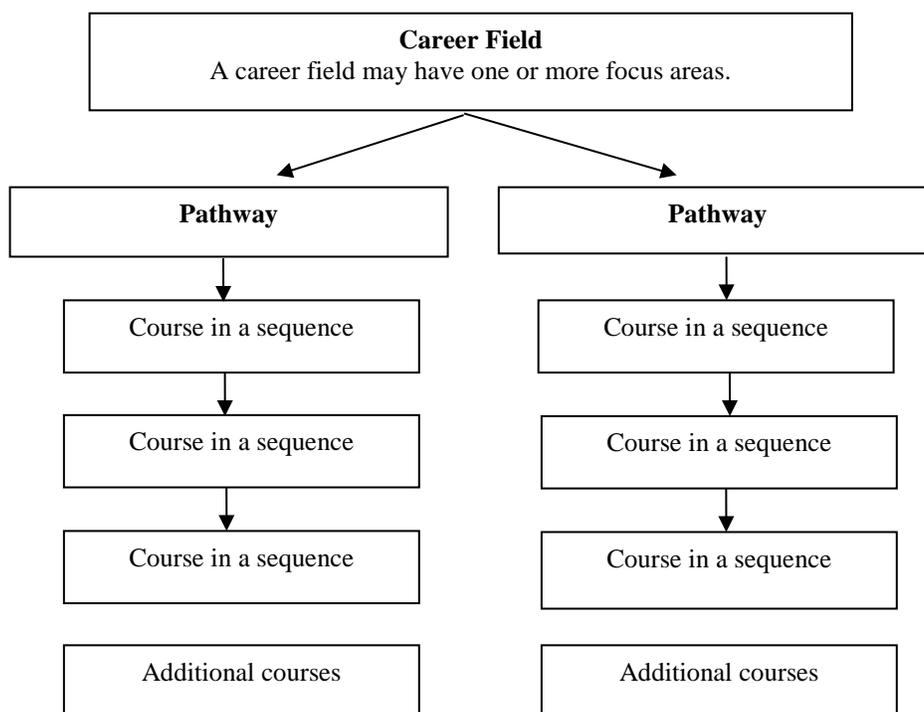
Business, Marketing, and Management  
 Communication and Information Systems: Arts, AV Technology, and Communication  
 Health Sciences  
 Human Sciences and Education  
 Skilled and Technical Sciences

All students must meet the requirements for a regular diploma. The Specialty Diploma recognizes accomplishments over and above the minimum requirements for a regular diploma.

To earn a Specialty Commended Diploma, a student must meet the GPA criteria and complete **30** credits in a career field. These **30** credits must include a sequence of three courses in one of the focus areas in the career field. A Metropolitan Community College (MCC) Academy fulfills the sequence requirement.

To earn a Specialty Distinguished Diploma, a student must meet the GPA criteria and complete **50** credits in a career field. These **50** credits must include a sequence of three courses in one of the focus areas in the career field. A Metropolitan Community College (MCC) Academy fulfills the sequence requirement.

The diagram below illustrates the organizational structure of a career field. Each career field is represented in this way on the tables on the following pages. Please refer to the curriculum handbook for course descriptions and an explanation of Metropolitan Community College academies.



Refer to Diploma Path Overview, page 131

**Courses offered are subject to availability.**

## BUSINESS, MARKETING AND MANAGEMENT SPECIALTY DIPLOMA

In order to graduate, all students must take a technology course. (Class of 2019)

The following courses exceed this requirement.

### Specialty Commended Diploma

To earn a Specialty Commended Diploma, a student must meet the GPA criteria and complete **30** credits in a career field. These **30** credits must include a sequence of three courses in one of the pathways (see chart below). If Personal Finance is taken to fulfill the Financial Literacy graduation requirement, it may be part of the sequence of courses, but is not included in the 30 credits.

- Millard Public Schools Business and Entrepreneurship Career Academy fulfills the sequence requirement.
- The Metropolitan Community College (MCC) Academy fulfills the sequence requirement.

### Specialty Distinguished Diploma

To earn a Specialty Distinguished Diploma, a student must meet the GPA criteria and complete **50** credits in a career field. These **50** credits must include a sequence of three courses in one of the pathways (see chart below). Millard Public Schools Business and Entrepreneurship Career Academy fulfills the sequence requirement.

| BUSINESS MANAGEMENT AND ADMINISTRATION PATHWAY   | FINANCE PATHWAY  | MARKETING PATHWAY   |
|--|--|---|
| Introduction to Business, Marketing and Management (5)<br>Management and Leadership (5)<br>Management and Leadership Internship (10)<br>Business Law (5)<br>International Business (5)<br>IB Business Management SL/HL I (10)<br>IB Business Management SL/HL II (10)<br>Millard Public Schools Business and Entrepreneurship Career Academy | Accounting I (5)<br>Accounting II (5)<br>Accounting III (5)<br>Managerial Accounting (5)<br>AP Macroeconomics (5)<br>AP Microeconomics (5) | Merchandise Marketing (5)<br>Sports and Entertainment Marketing (5)<br>Marketing (10)<br>Advanced Marketing (10)<br>Marketing Internship (10) |

Refer to Diploma Path Overview, page 131

**Courses offered are subject to availability.**

## COMMUNICATION AND INFORMATION SYSTEMS SPECIALTY DIPLOMA

In order to graduate, all students must take a fine and performing arts course.  
The following courses exceed this requirement.

### Specialty Commended Diploma

To earn a Specialty Commended Diploma, a student must meet the GPA criteria and complete **30** credits in a career field. These **30** credits must include a sequence of three courses in one of the pathways (see chart below). The course taken to fulfill the fine arts graduation requirement may be part of the sequence of courses, but is not included in the 30 credits.

- The Metropolitan Community College (MCC) Academy fulfills the sequence requirement.

### Specialty Distinguished Diploma

To earn a Specialty Distinguished Diploma, a student must meet the GPA criteria and complete **50** credits in a career field. These **50** credits must include a sequence of three courses in one of the pathways (see chart below). The course taken to fulfill the fine arts graduation requirement may be part of the sequence of courses, but is not included in the 50 credits.

- The Metropolitan Community College (MCC) Academy fulfills the sequence requirement.

| ARTS, A/V TECHNOLOGY, AND COMMUNICATION  |   |   |
|--|---|---|
| JOURNALISM   |   |   |
| Intro to Journalism, Photojournalism, and Broadcast Journalism (5)<br>Advanced Journalism (10) (repeatable)<br>Yearbook (10) (repeatable)<br>Broadcast Journalism (5) (repeatable)   |   |   |
| <i>*Courses taken must exceed the English Elective and Oral Communications graduation requirements.</i>  |   |   |
| <b>To complete the requirement for 30 or 50 credits students may take any of the courses above or the following:</b>   |   |   |
| Creative Writing (5)*<br>Forensics: Competitive Speech (10)*<br>Media Analysis (5)*  |   |   |
| PERFORMING ARTS  |   |   |
| Vocal Music  | Instrumental Music  | Drama   |
| Voce, Cantori, Singers - 4 semesters   | Wind Ensemble – 6 semesters, <b>Or</b><br>Philharmonic Orchestra – 6 semesters (30)<br><b>Or</b><br>Marching Band, <b>Or</b> Concert Band, <b>Or</b><br>Symphonic Band – 6 semesters (30)   | Theatre and Performance I (5)<br>Theatre and Performance: Advanced<br>Studies (5)<br>Theatre Technology (5)<br><b>Or</b><br>IB Film (10)<br><b>Or</b><br>MCC Theatre Technology Year I<br>Academy   |
| <b>Distinguished Diploma:</b><br>Music Theory (5)<br>AP Music Theory (5),<br>Music Consumer (5) or<br>classes from the Instrumental Music<br>Sequence or Choral Performance<br>Music courses to complete 50<br>credits<br><b>Or</b><br>AP Music Theory (5)<br>IB Music SL (10) and<br>Music Connections (5) or classes<br>from the Instrumental Music<br>Sequence or Choral Performance<br>Music courses to complete 50<br>credits | <b>Distinguished Diploma:</b><br>Music Theory (5)<br>AP Music Theory (5),<br>Music Consumer (5) or classes from the<br>Instrumental Music Sequence or Choral<br>Performance Music courses to complete 50<br>credits<br><b>Or</b><br>AP Music Theory (5)<br>IB Music SL (10)<br>Music Consumer (5)<br>or classes from the Instrumental Music<br>Sequence or Choral Performance Music<br>courses to complete 50 credits | <b>To complete the requirement for 30<br/>or 50 credits students may take any of<br/>the courses above or the following:</b><br><br>Theatre Appreciation (5)<br>Forensics: Competitive Speech (10)<br>MCC Theatre Technology<br>Year II Academy |

Refer to Diploma Path Overview, page 131

**Courses offered are subject to availability.**

## COMMUNICATION AND INFORMATION SYSTEMS SPECIALTY DIPLOMA

In order to graduate, all students must take a fine and performing arts course.

The following courses exceed this requirement.

### Specialty Commended Diploma

To earn a Specialty Commended Diploma, a student must meet the GPA criteria and complete **30** credits in a career field. These **30** credits must include a sequence of three courses in one of the pathways (see chart below). The course taken to fulfill the fine arts graduation requirement may be part of the sequence of courses, but is not included in the 30 credits.

- The Metropolitan Community College (MCC) Academy fulfills the sequence requirement.

### Specialty Distinguished Diploma

To earn a Specialty Distinguished Diploma, a student must meet the GPA criteria and complete **50** credits in a career field. These **50** credits must include a sequence of three courses in one of the pathways (see chart below). The course taken to fulfill the fine arts graduation requirement may be part of the sequence of courses, but is not included in the 50 credits.

- The Metropolitan Community College (MCC) Academy fulfills the sequence requirement.

| ARTS, A/V TECHNOLOGY, AND COMMUNICATION   |  |  |
|---|--|--|
| VISUAL ARTS   |  | ORAL COMMUNICATIONS  |
| Art Foundations (5)<br>Drawing (5)<br>Advanced Drawing (5)<br><p style="text-align: center;">Or</p> Art Foundations (5)<br>Drawing (5)<br>Painting (5)<br><p style="text-align: center;">Or</p> Art Foundations (5)<br>Pottery and Sculpture (5)<br>Advanced Pottery and Sculpture (5)<br><p style="text-align: center;">Or</p> Introduction to IB Visual Arts (10)<br>IB Visual Arts SL (10)<br>IB Visual Arts HL I (10) |  | Speech (5)<br>Forensics: Competitive Speech (repeatable)<br>Debate (5)<br>Competitive Debate (repeatable)<br><br><i>*Courses taken must exceed the Oral Communications graduation requirement.</i> |
| <p><b>To complete the requirement for 30 or 50 credits students may take any of the courses above not already taken or any of the following:</b></p> Color and Design (5)<br>Art History: Art Through the Ages (5)<br>Commercial Graphic Design (5)<br>Advanced Studio Art (10)<br>IB Visual Arts HL II (10)  |  |  |
| INFORMATION TECHNOLOGY PATHWAY  |  |  |
| COMPUTER APPLICATIONS   | PROGRAMMING AND SOFTWARE DEVELOPMENT   | DIGITAL COMMUNICATIONS (Millard South Only)  |
| Information Technology Applications (5)<br>Digital Design (5)<br>STARS (10)<br>STARS Internship (10)  | Computer Science Programming (5)<br>AP Computer Science A (10)<br>Computer Science Principles (5)<br>AP Computer Science Principles (10)<br>IB Computer Science HL I (10)<br>IB Computer Science HL II (10)<br>STARS (10)<br>STARS Internship (10) | Digital Media (5)<br>Web Design (5)<br>Visual Graphics (5)<br>Advanced Visual Graphics (5)<br>STARS (10)<br>STARS Internship (10)  |

Refer to Diploma Path Overview, page 131

**Courses offered are subject to availability.**

## HEALTH SCIENCES SPECIALTY DIPLOMA

This diploma path is unique because it includes courses from multiple departments.

### Specialty Commended Diploma

To earn a Specialty Commended Diploma, a student must meet the GPA criteria and complete **30** credits in a career field. These **30** credits must include a sequence of three courses in the pathway. (See chart below). The Distinguished Diploma path is available for the Therapeutic Services Pathway.

- The Millard Public Schools Health Sciences Career Academy fulfills the sequence requirement.
- The UNMC High School Alliance fulfills the sequence requirement.

### Specialty Distinguished Diploma

To earn a Specialty Distinguished Diploma, a student must meet the GPA criteria and complete the Millard Public Schools Health Sciences Academy or University of Nebraska Medical Center (UNMC) High School Alliance.

- The Millard Public Schools Health Sciences Career Academy fulfills the sequence requirement.
- The UNMC High School Alliance fulfills the sequence requirement.

| <b>THERAPEUTIC SERVICES</b>  | <b>DIAGNOSTIC &amp; RESEARCH SERVICES</b>   |
|--|---|
| Human Physiology (10)<br>Athletic Training & Sports Injury (5)<br>Athletic Training & Sports Injury Internship (10)<br><br>To complete the requirement for 30 credits, students may take any of the courses below if not already taken:<br><br>Advanced Performance (5)<br>Cross Training I (5)<br>Cross Training II (5)<br>Lifetime Fitness (5)<br>Lifeguard Training (5) | Millard Public Schools Health Sciences Career Academy<br><br>UNMC High School Alliance-Completion of 40 Credits |

Refer to Diploma Path Overview, page 131

**Courses offered are subject to availability.**

## HUMAN SCIENCES AND EDUCATION SPECIALTY DIPLOMA

In order to graduate, all students must take a human resource course.  
The following courses exceed this requirement.

### Specialty Commended Diploma

To earn a Specialty Commended Diploma, a student must meet the GPA criteria and complete **30** credits in a career field. These **30** credits must include a sequence of three courses in one of the pathways (see chart below). If either Child Development or Adult Life and Parenting (Adult Living) is taken to fulfill the human resource graduation requirement, it may not be included in the 30 credits.

- The Millard Public Schools Education Career Academy fulfills the sequence requirement.
- The Metropolitan Community College (MCC) Academy fulfills the sequence requirement.

### Specialty Distinguished Diploma

To earn a Specialty Distinguished Diploma, a student must meet the GPA criteria and complete **50** credits in a career field. These **50** credits must include a sequence of three courses in one of the pathways (see chart below). If either Child Development or Adult Life and Parenting (Adult Living) is taken to fulfill the human resource graduation requirement, it may not be included in the 50 credits.

- The Millard Public Schools Education Career Academy fulfills the sequence requirement.
- The Metropolitan Community College (MCC) Criminal Justice Academy fulfills the sequence requirement.

| HUMAN SCIENCES   |   |   |
|--|---|---|
| Foods & Nutrition  | Housing & Textile Design  | Human Development & Family                            |
| Introduction to Food & Nutrition (5)<br>Culinary Skills (5)<br>Advanced Culinary Skills (5)                            | Interior Design (5)<br>Textile & Clothing Design (5)<br>Creative Design (5) | Child Development (5)<br>Adult Life and Parenting (5) |
| To complete the requirement for 30 or 50 credits, students may take any of the courses above not previously completed. |   |   |
| EDUCATION & TRAINING   |   | LAW, PUBLIC SAFETY & SECURITY                         |
| Millard Public Schools Education Career Academy  |   | MCC Criminal Justice Academy                          |

The following courses may be completed to earn 30 or 50 credits if not taken for the human resources graduation requirement:

- Child Development (5)
- Adult Life and Parenting (Adult Living) (5)

To earn a distinguished diploma, the student will need to complete all courses listed above.

Refer to Diploma Path Overview, page 131

**Courses offered are subject to availability.**

## INDUSTRIAL, MANUFACTURING, AND ENGINEERING SYSTEMS SPECIALTY DIPLOMA

### Specialty Commended Diploma

To earn a Specialty Commended Diploma, a student must meet the GPA criteria and complete **30** credits in a career field. These **30** credits must include a sequence of three courses in one of the pathways (see chart below). The course taken to fulfill the technology graduation requirement may not be included in the 30 credits.

- The Millard Public Schools Business and Logistics Management Career Academy fulfills the sequence requirement.
- The Metropolitan Community College (MCC) Academy fulfills the sequence requirement.

### Specialty Distinguished Diploma

To earn a Specialty Distinguished Diploma, a student must meet the GPA criteria and complete **50** credits in a career field. These **50** credits must include a sequence of three courses in one of the pathways (see chart below). The course taken to fulfill the technology graduation requirement may not be included in the 30 credits.

- The Millard Public Schools Business and Logistics Management Career Academy fulfills the sequence requirement.
- The Metropolitan Community College (MCC) Academy fulfills the sequence requirement.

| BUSINESS & LOGISTICS<br>MANAGEMENT   | CONSTRUCTION<br>PATHWAY  | ENGINEERING PATHWAY   |
|--|--|---|
| Millard Public Schools Business and Logistics Management Career Academy  | Introduction to Carpentry (5)<br>Carpentry (5)<br>Advanced Finish Carpentry (5)  | Introduction to Engineering Design I (5)<br>Introduction to Engineering Design II (5)<br>Principles of Engineering I (5)<br>Principles of Engineering II (5)<br>Digital Electronics I (5)<br>Digital Electronics II (5)<br>Civil Engineering and Architecture I (5)<br>Civil Engineering and Architecture II (5)<br>Engineering Design and Development I (5)<br>Engineering Design and Development II (5) |
| MANUFACTURING PATHWAY  |  | POWER, ENERGY AND MECHANIZED<br>SYSTEMS PATHWAY   |
| Welding  | Metals   |   |
| Introduction to Metalworking (5)<br>Welding I (5)<br>Welding II: Welding Applications (5)<br><b>Or</b><br>MCC Welding Technology Year I Academy<br><b>Or</b><br>MCC Welding Technology Year II Academy | Introduction to Metalworking (5)<br>Machining Processes (5)<br>Automated Manufacturing Technology I (10)<br>Automated Manufacturing Technology II (10) | Introduction to Power, Energy and Mechanized Systems (5)<br>Mechanical Systems Operations (5)<br>Power Systems Design and Fabrication I (5)<br>Power Systems Design and Fabrication II (5)  |

To complete 30 or 50 credits, students may take any of the above courses not already taken or any of the following:

- Consumer Maintenance (5)
- Computer-Aided Drafting (5)

Refer to Diploma Path Overview, page 131

**Courses offered are subject to availability.**

## INDUSTRIAL, MANUFACTURING, AND ENGINEERING SYSTEMS SPECIALTY DIPLOMA *(continued)*

These Metropolitan Community College (MCC) Academies fulfill the sequence requirement for the Distinguished Diploma Paths:

| <b>Electrical</b>                 | <b>Diesel</b>                         | <b>Automotive</b>   |
|-----------------------------------|---------------------------------------|---|
| MCC Electrical Technology Academy | MCC Diesel Service Technology Academy | MCC Automotive Technology Year I Academy<br>MCC Automotive Technology Year II Academy<br>MCC Auto Collision Technology Year I Academy |
| <b>Fire Science</b>               | <b>Plumbing</b>                       | <b>Utility Line</b>   |
| MCC Fire Science Technology       | MCC Pre-Apprenticeship Plumbing       | MCC Utility Line Technology   |

Refer to Diploma Path Overview, page 131

**Courses offered are subject to availability.**

## DUAL ENROLLMENT OPPORTUNITIES

### **University of Nebraska-Omaha**

Students have the option to enroll for college credit while taking high school courses. The number of college credits is determined by the corresponding college course. The grade earned appears on both the high school and UNO transcripts. This credit may be transferable to other colleges and universities. Students are urged to check with the college they plan to attend regarding their transfer policies. Selected Advanced Placement® courses, Academy courses and Athletic Training & Sports Injury Internship are available for dual credit. Please contact an administrator at the building for more information.

Students are required to take the Advanced Placement® exam if earning dual enrollment in an Advanced Placement® course. Tuition costs for 2018-2019 are \$250.00 per UNO course (2019-2020 costs to be determined).

### **Metropolitan Community College**

Students have the option to earn dual enrollment credit while taking specific high school or Metropolitan Community College (MCC) courses. The number of credits is determined by the corresponding college course. The grade earned appears on both the high school and MCC transcripts. This credit may transfer to other colleges and universities. Students are urged to check with the college they plan to attend regarding transfer policies.

Tuition costs for 2018-2019 are \$48.00 per course for courses taught independently by Millard staff or \$32.00 per MCC credit plus \$5.00 fees when taught with an MCC Instructor. (2019-2020 costs to be determined).

## COLLEGE ATHLETICS ELIGIBILITY

Students who wish to compete as freshmen on college athletic teams after completion of high school must meet established eligibility guidelines from the National Collegiate Athletic Association (NCAA), the National Association of Intercollegiate Athletics (NAIA), or the National Junior College Athletic Association (NJCAA). Information concerning eligibility for each of these organizations can be found on the following websites:

NCAA: <http://eligibilitycenter.org>

NAIA: [www.naia.org](http://www.naia.org)

NJCAA: [www.njcaa.org](http://www.njcaa.org)

### NCAA

Student athletes who wish to participate in NCAA Division I or Division II sports **MUST BE CERTIFIED** by the NCAA Eligibility Center which will analyze individual academic information to determine if a student meets NCAA eligibility requirements. **DON'T DELAY THIS PROCESS** – if a student is uncertain about participation in Division I or II it is best to complete this process anyway. This process does **NOT** bind a student to participate; however, it is a necessary procedure should a student elect to participate. Failure to be certified may affect visitations to colleges regarding athletics, and college coaches may be reluctant to make commitments to athletes who have not completed the NCAA initial-eligibility certification.

Students are encouraged to visit with a counselor to review the policies which will affect them. Athletes or their parents are encouraged to obtain additional references pertaining to student athletes. The best single reference is *2018-2019 NCAA Guide for the College Bound Student Athlete* published by the NCAA Eligibility Center, PO Box 7136, Indianapolis, Indiana, 46207-7136. The toll-free phone number is (877) 262-1492; Monday through Friday from 8 a.m. to 6 p.m. Eastern time. This document is also available on-line at [www.ncaa.org](http://www.ncaa.org).

### NCAA Freshman-Eligibility Standards Quick Reference Information

- The list of Millard courses approved by NCAA can be found on the NCAA website and should be utilized when completing your 4-year plan.

### Core Courses

- NCAA Division I requires **16 core courses**. NCAA Division I requires 10 core courses to be completed prior to the seventh semester (seven of the 10 must be a combination of English, mathematics or natural or physical science that meet the distribution requirement). These 10 courses become “locked in” at the seventh semester and cannot be retaken for grade improvement. See the chart on page 142 for the breakdown of the complete 16 core-course requirement.
  - Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.
- NCAA Division II requires **16 core courses** for students enrolling on or after August 1, 2013. See the breakdown of core-course requirements on page 142.
  - Beginning August 1, 2016, it will be possible for a Division II college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.

### Test Scores

- **Division I and Division II** have a sliding scale for test score and core grade-point average.
- The SAT<sup>®</sup> score used for NCAA purposes includes only the critical reading and mathematics sections. The writing section of the SAT is not used.
- The ACT<sup>®</sup> score used for NCAA purposes is a **sum** of the four sections on the ACT<sup>®</sup>: English, mathematics, reading and science.
- **All SAT<sup>®</sup> and ACT<sup>®</sup> scores must be reported directly to the NCAA Eligibility Center by the testing agency.** Test scores that appear on transcripts will not be used. When registering for the SAT<sup>®</sup> or ACT<sup>®</sup>, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.

**Grade-Point Average**

- Only core courses are used in the calculation of the grade-point average.
- Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's web site to make certain that courses being taken have been approved as core courses. The web site is [www.eligibilitycenter.org](http://www.eligibilitycenter.org).
- **Division I** grade-point-average requirements are based on an index that matches the combined SAT® or ACT® sum score to the core grade point average. The index scale is available through the Counseling or Activities Office or the NCAA web site. Division I GPA required to receive athletics aid and practice on or after August 1, 2016, is 2.3 (corresponding test-score requirements are listed on the index scale).
- The **Division II** core grade-point-average requirement is a minimum of 2.0.

| <b>Division I<br/>16 Core Courses</b>   |  |
|---|--|
| 4   | years of English   |
| 3   | years of mathematics (Algebra I or higher)   |
| 2   | years of natural/physical science (1 year of lab if offered by high school)                            |
| 1   | year of additional English, mathematics or natural/physical science                                    |
| 2   | years of social science  |
| 4   | years of additional courses (from any area above, foreign language or comparative religion/philosophy) |
| <i>Note: Courses with similar content may be deemed duplicative by the NCAA Eligibility Center.</i> |  |

| <b>Division II<br/>16 Core Courses</b> |  |
|--|--|
| 3                                      | years of English   |
| 2                                      | years of mathematics (Algebra I or higher)   |
| 2                                      | years of natural/physical science (1 year of lab if offered by high school)                            |
| 3                                      | years of additional English, mathematics or natural/physical science                                   |
| 2                                      | years of social science  |
| 4                                      | years of additional courses (from any area above, foreign language or comparative religion/philosophy) |

**Amateurism Certification**

Students who enroll at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center web site. Students need to request final amateurism certification prior to enrollment.

**Division III**

Student athletes who wish to participate in NCAA Division III are not currently certified by the NCAA Initial-Eligibility Clearinghouse. Those wanting to participate in Division III athletics should contact the Division III institutions of interest regarding their policies on admission, financial aid, athletic eligibility, practice, and competition. In Division III, certification of an individual's amateurism status is completed by each college or university, not the Eligibility Center.

**NAIA**

The National Association of Intercollegiate Athletics requires a participant in athletics during the first year in school to meet two of three basic education requirements.

1. Achieve a minimum of 16 on the ACT® or 860 on the SAT®. The ACT®/SAT® test must be taken on a national testing date. The SAT® score of 860 must be achieved on the Evidence-Based Reading and Writing and Mathematics sections of the SAT® and must be achieved on a single test.
2. Achieve a minimum overall high school grade point average of 2.000 on a 4.000 scale.
3. Graduate in the top half of his/her high school graduating class.

**NJCAA**

The National Junior College Athletic Association requires a participant in athletics to meet the following criteria.

1. A student-athlete must be a graduate of a high school with an academic diploma or a General Education diploma.
2. Please note that current high school athletes may not try out at a NJCAA member college prior to graduating from high school unless existing State High School Activities Association regulations in the student-athlete's home state permit such tryouts to occur.

## QUICK REFERENCE TABLE OF ALL MILLARD COURSES

| Course  | Course Name                                       | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|---|---|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>ART</b>  |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0701  | Art History: Art Through the Ages                 | 5       |       | F                      |               |          |                     | •                 | •                 | •                |
| 0704  | Color and Design                                  | 5       |       | F                      |               |          | •                   | •                 | •                 | •                |
| 0705  | Art Foundations                                   | 5       |       | F                      |               |          | •                   | •                 | •                 | •                |
| 0709  | Commercial Graphic Design                         | 5       |       |                        | 0720          |          |                     | •                 | •                 | •                |
| 0710  | Pottery and Sculpture                             | 5       |       |                        | 0705          |          | •                   | •                 | •                 | •                |
| 0711  | Advanced Pottery and Sculpture                    | 5       |       |                        | 0710          |          | •                   | •                 | •                 | •                |
| 0720  | Drawing   | 5       |       |                        | 0705          |          | •                   | •                 | •                 | •                |
| 0721  | Advanced Drawing                                  | 5       |       |                        | 0720          |          |                     | •                 | •                 | •                |
| 0722  | Painting  | 5       |       |                        | 0720          |          |                     | •                 | •                 | •                |
| 0730 A/B  | Advanced Studio Art                               | 10      |       |                        | 0721+         |          |                     | •                 | •                 | •                |
| 0706 A/B  | Introduction to IB Visual Arts                    | 10      | 10-11 |                        | 0705          |          |                     | •                 |                   |                  |
| 0727 A/B  | IB Visual Arts SL                                 | 10      | 11-12 |                        | 0706          |          |                     | •                 |                   |                  |
| 0728 A/B  | IB Visual Arts HL I                               | 10      | 11    |                        | 0706          |          |                     | •                 |                   |                  |
| 0729 A/B  | IB Visual Arts HL II                              | 10      | 12    |                        | 0728          |          |                     | •                 |                   |                  |
| <b>BUSINESS AND INFORMATION TECHNOLOGY</b>            |   |         |       |                        |               |          |                     |                   |                   |                  |
| <b>Business Management and Administration Pathway</b> |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0505  | Introduction to Business Marketing and Management | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0515  | Management and Leadership                         | 5       | 11-12 |                        |               |          |                     | •                 | •                 | •                |
| 0516 A/B  | Management and Leadership Internship              | 10      | 11-12 |                        | †             |          |                     | •                 | •                 | •                |
| 0510  | Business Law                                      | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0501  | International Business                            | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0554 A/B  | IB Business Management SL/HL I                    | 10      | 11    |                        |               |          |                     | •                 |                   |                  |
| 0555 A/B  | IB Business Management SL/HL II                   | 10      | 12    |                        | 0554          |          |                     | •                 |                   |                  |
| <b>Finance Pathway</b>                                |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0500  | Personal Finance                                  | 5       |       | FL                     |               |          | •                   | •                 | •                 | •                |
| 0502  | Accounting I                                      | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0503  | Accounting II                                     | 5       |       |                        | 0502          |          |                     | •                 | •                 | •                |
| 0542  | Accounting III                                    | 5       |       |                        | 0503          |          |                     | •                 | •                 | •                |
| 0543  | Managerial Accounting                             | 5       |       |                        | 0542          |          |                     | •                 | •                 | •                |
| 0540  | AP Macroeconomics                                 | 5       |       |                        | 0204 or 0211  |          |                     | •                 | •                 | •                |
| 0541  | AP Microeconomics                                 | 5       |       |                        | 0204 or 0211  |          |                     | •                 | •                 | •                |
| <b>Information Technology Pathway</b>                 |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0560  | Introduction to Technology                        | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0561  | Information Technology Applications               | 5       |       |                        |               |          | •                   | •                 | •                 | •                |
| 0562  | Digital Design                                    | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0563  | Computer Science Programming                      | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0564  | Computer Science Principles                       | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0257 A/B  | AP Computer Science A                             | 10      |       |                        | 0563          |          |                     | •                 | •                 | •                |
| 0565 A/B  | AP Computer Science Principles                    | 10      |       |                        | 0204 or 0211  |          |                     | •                 | •                 | •                |
| 0266 A/B  | IB Computer Science HL I                          | 10      | 11    |                        | 0563          |          |                     | •                 |                   |                  |
| 0267 A/B  | IB Computer Science HL II                         | 10      | 12    |                        | 0266          |          |                     | •                 |                   |                  |
| <b>Marketing Pathway</b>                              |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0550  | Merchandise Marketing                             | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0551  | Sports and Entertainment Marketing                | 5       |       |                        |               |          |                     | •                 | •                 | •                |
| 0552 A/B  | Marketing   | 10      | 11-12 |                        |               |          |                     | •                 | •                 | •                |
| 0553 A/B  | Advanced Marketing                                | 10      | 11-12 |                        | 0552          |          |                     | •                 | •                 | •                |
| 0514 A/B  | Marketing Internship                              | 10      | 11-12 |                        | 0552 or 0553† |          |                     | •                 | •                 | •                |
| <b>Stand-Alone Course</b>                             |   |         |       |                        |               |          |                     |                   |                   |                  |
| 0504  | Keyboarding and Input Technology                  | 5       |       |                        |               |          |                     | •                 | •                 | •                |

F = Fulfills Fine and Performing Arts Graduation Requirement

FL = Fulfills Financial Literacy Graduation Requirement

† = See course descriptions for additional requirements.

| Course  | Course Name   | Credits | Grade | Graduation Requirement | Prerequisites        | ACT Core | Horizon High School | North High School | South High School | West High School |
|---|---|---------|-------|------------------------|----------------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>ENGLISH LANGUAGE LEARNER (ELL)</b>                             |   |         |       |                        |                      |          |                     |                   |                   |                  |
| 0989 A/B/C  | ELL Basic Beginner                                    | 15      |       |                        | †                    |          |                     |                   | •                 |                  |
| 0990 A/B/C  | ELL Beginner  | 15      |       |                        | †                    |          |                     |                   | •                 |                  |
| 0991 A/B  | ELL Low Intermediate                                  | 10      |       |                        | †                    |          |                     |                   | •                 |                  |
| 0992  | ELL High Intermediate                                 | 5       |       |                        | †                    |          |                     |                   | •                 |                  |
| 0993  | ELL Advanced  | 5       |       |                        | †                    |          |                     |                   | •                 |                  |
| <b>FAMILY AND CONSUMER SCIENCE</b>                                |   |         |       |                        |                      |          |                     |                   |                   |                  |
| 0520  | Interior Design                                       | 5       |       |                        |                      |          |                     |                   | •                 | •                |
| 0525  | Culinary Skills                                       | 5       |       |                        | 0523 or 0534         |          |                     |                   | •                 | •                |
| 0526  | Healthy Living  | 5       | 9-11  | H                      |                      |          |                     |                   | •                 | •                |
| 0527  | Child Development                                     | 5       | 11-12 | HR                     | 0526                 |          |                     |                   | •                 | •                |
| 0528  | Adult Life and Parenting                              | 5       | 11-12 | HR                     | 0526                 |          |                     |                   | •                 | •                |
| 0534  | Introduction to Food and Nutrition                    | 5       |       |                        |                      |          |                     |                   | •                 | •                |
| 0535  | Advanced Culinary Skills                              | 5       |       |                        | 0525                 |          |                     |                   | •                 | •                |
| 0536  | Textiles and Clothing Design                          | 5       |       |                        |                      |          |                     |                   | •                 | •                |
| 0537  | Creative Design                                       | 5       |       |                        | 0520 or 0533 or 0536 |          |                     |                   | •                 | •                |
| <b>INDUSTRIAL TECHNOLOGY Skilled and Technical Sciences (STS)</b> |   |         |       |                        |                      |          |                     |                   |                   |                  |
| <b>Construction Pathway</b>                                       |   |         |       |                        |                      |          |                     |                   |                   |                  |
| 0654  | Introduction to Carpentry                             | 5       |       |                        |                      |          |                     |                   | •                 | •                |
| 0657  | Carpentry   | 5       |       |                        | 0654                 |          |                     |                   | •                 | •                |
| 0658  | Advanced Finish Carpentry                             | 5       |       |                        | 0657                 |          |                     |                   | •                 | •                |
| 0659  | Construction and Management                           | 5       |       |                        | 0657                 |          |                     |                   | •                 | •                |
| <b>Engineering Pathway</b>  |   |         |       |                        |                      |          |                     |                   |                   |                  |
| 0662  | Introduction to Engineering Design I                  | 5       |       |                        |                      |          |                     |                   | •                 | •                |
| 0663  | Introduction to Engineering Design II                 | 5       |       |                        | 0662                 |          |                     |                   | •                 | •                |
| 0664  | Principles of Engineering I                           | 5       |       |                        | 0663                 |          |                     |                   | •                 | •                |
| 0666  | Principles of Engineering II                          | 5       |       |                        | 0664                 |          |                     |                   | •                 | •                |
| 0667  | Digital Electronics I                                 | 5       |       |                        | 0666                 |          |                     |                   | •                 | •                |
| 0668  | Digital Electronics II                                | 5       |       |                        | 0667                 |          |                     |                   | •                 | •                |
| 0675  | Civil Engineering and Architecture I                  | 5       |       |                        | 0663                 |          |                     |                   | •                 | •                |
| 0676  | Civil Engineering and Architecture II                 | 5       |       |                        | 0675                 |          |                     |                   | •                 | •                |
| 0677  | Engineering Design and Development I                  | 5       |       |                        | 0668 or 0676         |          |                     |                   | •                 | •                |
| 0678  | Engineering Design and Development II                 | 5       |       |                        | 0677                 |          |                     |                   | •                 | •                |
| <b>Manufacturing Pathway</b>                                      |   |         |       |                        |                      |          |                     |                   |                   |                  |
| 0681  | Introduction to Metalworking                          | 5       |       |                        |                      |          |                     |                   | •                 | •                |
| 0682  | Machining Processes                                   | 5       |       |                        | 0681                 |          |                     |                   | •                 | •                |
| 0683 A/B  | Automated Manufacturing Technology I                  | 10      |       |                        | 0682                 |          |                     |                   | •                 | •                |
| 0684 A/B  | Automated Manufacturing Technology II                 | 10      |       |                        | 0683                 |          |                     |                   | •                 | •                |
| 0685  | Welding I   | 5       |       |                        | 0681                 |          |                     |                   | •                 | •                |
| 0686  | Welding II: Welding Applications                      | 5       |       |                        | 0685                 |          |                     |                   | •                 | •                |
| <b>Power, Energy and Mechanized Systems Pathway</b>               |   |         |       |                        |                      |          |                     |                   |                   |                  |
| 0690  | Introduction to Power, Energy, and Mechanized Systems | 5       |       |                        |                      |          |                     |                   | •                 | •                |
| 0691  | Mechanical Systems Operations                         | 5       |       |                        | 0690                 |          |                     |                   | •                 | •                |
| 0692  | Power Systems Design and Fabrication I                | 5       |       |                        | 0691                 |          |                     |                   | •                 | •                |
| 0693  | Power Systems Design and Fabrication II               | 5       |       |                        | 0692                 |          |                     |                   | •                 | •                |
| <b>Stand-Alone Courses</b>  |   |         |       |                        |                      |          |                     |                   |                   |                  |
| 0613  | Consumer Maintenance                                  | 5       |       |                        |                      |          |                     |                   | •                 | •                |
| 0614  | Computer-Aided Drafting                               | 5       |       |                        |                      |          |                     |                   | •                 | •                |

H = Fulfills Health Education Graduation Requirement

† = See course descriptions for additional requirements.

HR = Fulfills Human Resources Graduation Requirement

| Course                     | Course Name   | Credits | Grade | Graduation Requirement | Prerequisites      | ACT Core | Horizon High School | North High School | South High School | West High School |
|----------------------------|---|---------|-------|------------------------|--------------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>LANGUAGE ARTS</b>       |   |         |       |                        |                    |          |                     |                   |                   |                  |
| 0001 A/B                   | English 9   | 10      |       |                        |                    | •        | •                   | •                 | •                 | •                |
| 0059 A/B                   | English 9 Literacy Enrichment   | 10/10   |       |                        | †                  | •        | •                   | •                 | •                 | •                |
| 0003 A/B                   | Honors English 9  | 10      |       |                        |                    | •        |                     | •                 | •                 | •                |
| 0002 A/B                   | English 10  | 10      |       |                        | 0001 or 0059       | •        | •                   | •                 | •                 | •                |
| 0060 A/B                   | English 10 Literacy Enrichment  | 10/10   |       |                        | †                  | •        | •                   | •                 | •                 | •                |
| 0004 A/B                   | Honors English 10   | 10      |       |                        | 0003               | •        |                     | •                 | •                 | •                |
| 0007 A/B                   | English 11  | 10      |       |                        | 0002 or 0060       | •        | •                   | •                 | •                 | •                |
| 0061 A/B                   | Literacy Enrichment 11  | 10      |       |                        | †                  |          | •                   | •                 | •                 | •                |
| 0047 A/B                   | AP English Language and Composition                                   | 10      |       |                        | 0004 or 0007       | •        |                     | •                 | •                 | •                |
| 0048 A/B                   | AP English Literature and Composition                                 | 10      |       |                        | 0004 or 0007       | •        |                     | •                 | •                 | •                |
| 0016 A/B                   | IB English HL I   | 10      | 11    |                        | 0004               | •        |                     | •                 |                   |                  |
| 0017 A/B                   | IB English HL II  | 10      | 12    |                        | 0016               | •        |                     | •                 |                   |                  |
| <b>English Electives</b>   |   |         |       |                        |                    |          |                     |                   |                   |                  |
| 0033                       | Creative Writing  | 5       |       |                        | 0004 or 0007       | •        | •                   | •                 | •                 | •                |
| 0035                       | College Writing   | 5       |       |                        | 0004 or 0007       | •        |                     | •                 | •                 | •                |
| 0062                       | Literacy for Life   | 5       |       |                        | 0007 or 0061       |          | •                   | •                 | •                 | •                |
| 0065                       | Literature and Film   | 5       |       |                        | 0004 or 0007       | •        |                     | •                 | •                 | •                |
| 0067                       | Global Perspectives Through Literature                                | 5       |       |                        | 0004, 0007 or 0061 | •        |                     | •                 | •                 | •                |
| 0068                       | Contemporary Literature   | 5       |       |                        | 0004, 0007 or 0061 | •        | •                   | •                 | •                 | •                |
| 0069                       | Media Analysis  | 5       |       |                        | 0004 or 0007       |          |                     | •                 | •                 | •                |
| 0076                       | Popular Genres in Literature  | 5       |       |                        | 0004, 0007 or 0061 |          | •                   | •                 | •                 | •                |
| <b>Oral Communications</b> |   |         |       |                        |                    |          |                     |                   |                   |                  |
| 0020                       | Speech  | 5       |       | OC                     |                    | •        | •                   | •                 | •                 | •                |
| 0021 A/B                   | Forensics: Competitive Speech   | 10      |       | OC                     |                    | •        |                     | •                 | •                 | •                |
| 0022                       | Debate  | 5       |       | OC                     |                    | •        |                     | •                 | •                 | •                |
| 0023 A/B                   | Competitive Debate  | 10      |       | OC                     |                    |          |                     | •                 | •                 | •                |
| <b>Drama</b>               |   |         |       |                        |                    |          |                     |                   |                   |                  |
| 0024                       | Theatre and Performance I   | 5       |       | F                      |                    |          |                     | •                 | •                 | •                |
| 0025                       | Theatre and Performance: Advanced Studies                             | 5       |       |                        | 0024               |          |                     | •                 | •                 | •                |
| 0026                       | Theatre Technology  | 5       |       |                        | 0024 or 0039       |          |                     | •                 | •                 | •                |
| 0039                       | Theatre Appreciation  | 5       |       | F                      |                    |          |                     | •                 | •                 | •                |
| <b>Journalism</b>          |   |         |       |                        |                    |          |                     |                   |                   |                  |
| 0064                       | Introduction to Journalism, Photojournalism, and Broadcast Journalism | 5       |       |                        |                    |          |                     | •                 | •                 | •                |
| 0066 A/B                   | Advanced Journalism (20 credits at WHS)                               | 10      |       |                        | 0064†              |          |                     | •                 | •                 | •                |
| 0013 A/B                   | Yearbook (20 credits at WHS)  | 10      |       |                        | 0064†              |          |                     | •                 | •                 | •                |
| 0077                       | Broadcast Journalism  | 5       |       |                        | 0064               |          |                     | •                 | •                 | •                |
| 0073 A/B                   | IB Film SL  | 10      | 11-12 |                        |                    |          |                     | •                 |                   |                  |
| 0074 A/B                   | IB Film HL I  | 10      | 11    |                        |                    |          |                     | •                 |                   |                  |
| 0075 A/B                   | IB Film HL II   | 10      | 12    |                        | 0074               |          |                     | •                 |                   |                  |

F = Fulfills Fine and Performing Arts Graduation Requirement

OC = Fulfills Oral Communications Graduation Requirement

† = See course descriptions for additional requirements.

| Course             | Course Name  | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|--------------------|--|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>MATHEMATICS</b> |  |         |       |                        |               |          |                     |                   |                   |                  |
| 0203 A/B           | Alg I: Foundations 1                               | 10      |       |                        | †             | •        | •                   | •                 | •                 | •                |
| 0204 A/B           | Alg I/Geo: Foundations 2                           | 10      |       |                        | 0203†         | •        | •                   | •                 | •                 | •                |
| 0211 A/B           | Algebra I  | 10      |       |                        |               | •        | •                   | •                 | •                 | •                |
| 0220 A/B           | Geometry   | 10      |       |                        | 0211 or 0204† | •        | •                   | •                 | •                 | •                |
| 0221 A/B           | Honors Geometry                                    | 10      |       |                        | 0211          | •        |                     | •                 | •                 | •                |
| 0234 A/B           | Geo/Alg II: Foundations 3                          | 10      |       |                        | 0204†         | •        | •                   | •                 | •                 | •                |
| 0237 A/B           | Alg II: Foundations 4                              | 10      |       |                        | 0234†         | •        | •                   | •                 | •                 | •                |
| 0231 A/B           | Algebra II   | 10      |       |                        | 0220 or 0234  | •        | •                   | •                 | •                 | •                |
| 0233 A/B           | Honors Algebra II                                  | 10      |       |                        | 0221          | •        |                     | •                 | •                 | •                |
| 0244 A/B           | College Algebra                                    | 10      |       |                        | 0231          | •        | •                   | •                 | •                 | •                |
| 0238 A/B           | Precalculus  | 10      |       |                        | 0231          | •        |                     | •                 | •                 | •                |
| 0239 A/B           | Honors Precalculus                                 | 10      |       |                        | 0233          | •        |                     | •                 | •                 | •                |
| 0243 A/B           | AP Statistics                                      | 10      |       |                        | 0231          | •        |                     | •                 | •                 | •                |
| 0245 A/B           | IB Mathematics HL I                                | 10      | 11    |                        | 0239          | •        |                     | •                 |                   |                  |
| 0246 A/B           | IB Mathematics HL II                               | 10      | 12    |                        | 0245          | •        |                     | •                 |                   |                  |
| 0247 A/B           | IB Mathematical Studies SL                         | 10      | 11-12 |                        | 0231 or 0233  | •        |                     | •                 |                   |                  |
| 0248 A/B           | IB Mathematics SL                                  | 10      | 11-12 |                        | 0239          | •        |                     | •                 |                   |                  |
| 0249 A/B           | Calculus II and Advanced Topics                    | 10      |       |                        | 0252          | •        |                     | •                 | •                 | •                |
| 0252 A/B           | AP Calculus AB                                     | 10      |       |                        | 0238 or 0239  | •        |                     | •                 | •                 | •                |
| 0253 A/B           | AP Calculus BC                                     | 10      |       |                        | 0239          | •        |                     | •                 | •                 | •                |
| 0254 A/B           | Calculus III/Differential Equations *              | 10      |       |                        | 0253          | •        |                     | *                 | *                 | *                |
| 0268 A/B           | IB Mathematics Analysis & Approaches HL I          | 10      | 11    |                        | 0233          |          |                     | •                 |                   |                  |
| 0269 A/B           | IB Mathematics Analysis & Approaches HL II         | 10      | 12    |                        | 0268          |          |                     | •                 |                   |                  |
| 0270 A/B           | IB Mathematics Applications & Interpretation HL I  | 10      | 11    |                        | 0233          |          |                     | •                 |                   |                  |
| 0271 A/B           | IB Mathematics Applications & Interpretation HL II | 10      | 12    |                        | 0270          |          |                     | •                 |                   |                  |
| 0272 A/B           | IB Mathematics Applications & Interpretation SL    | 10      | 11    |                        | 0231          |          |                     | •                 |                   |                  |
| <b>MUSIC</b>       |  |         |       |                        |               |          |                     |                   |                   |                  |
| 0732               | Marching Band                                      | 5       |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0733               | Concert Band                                       | 5       |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0734               | Symphonic Band                                     | 5       |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0735               | Wind Ensemble                                      | 5       |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0736 A/B           | Philharmonic Orchestra                             | 10      |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0737 A/B           | Symphony Orchestra                                 | 10      |       | F                      | 0736†         |          |                     | •                 | •                 | •                |
| 0756 A/B           | Voce   | 10      |       | F                      |               |          |                     | •                 | •                 | •                |
| 0757 A/B           | Cantori  | 10      |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0758 A/B           | Singers  | 10      |       | F                      | †             |          |                     | •                 | •                 | •                |
| 0746               | Contemporary Ensemble                              | 5       |       | F                      |               |          |                     | •                 | •                 |                  |
| 0798               | Music Theory                                       | 5       |       | F                      |               |          |                     | •                 | •                 | •                |
| 0799               | AP Music Theory                                    | 5       |       |                        | 0798          |          |                     | •                 | •                 | •                |
| 0747               | Music Connections                                  | 5       |       | F                      |               |          |                     | •                 | •                 | •                |
| 0767 A/B           | IB Music SL - Band                                 | 10      | 11-12 | F                      | †             |          |                     | •                 |                   |                  |
| 0769 A/B           | IB Music SL - Orchestra                            | 10      | 11-12 | F                      | †             |          |                     | •                 |                   |                  |

F = Fulfills Fine and Performing Arts Graduation Requirement

† = See course descriptions for additional requirements.

\*Pending instructor availability – may need to arrange schedule to attend available instructor's assigned high school.

| Course                    | Course Name                                      | Credits | Grade | Graduation Requirement | Prerequisites       | ACT Core | Horizon High School | North High School | South High School | West High School |
|---------------------------|--|---------|-------|------------------------|---------------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>PHYSICAL EDUCATION</b> |  |         |       |                        |                     |          |                     |                   |                   |                  |
| 0800                      | Sport Skills and Fitness                         | 5       |       | PE                     |                     |          | •                   | •                 | •                 | •                |
| 0801                      | Cross Training I                                 | 5       |       | PE                     |                     |          | •                   | •                 | •                 | •                |
| 0802                      | Cross Training II                                | 5       |       | PE                     | 0801                |          | •                   | •                 | •                 | •                |
| 0803                      | Lifetime Fitness                                 | 5       | 11-12 | PE                     |                     |          | •                   | •                 | •                 | •                |
| 0805                      | Weight Training and Conditioning I               | 5       | 10-12 | PE                     |                     |          | •                   | •                 | •                 | •                |
| 0806                      | Weight Training and Conditioning II              | 5       | 10-12 | PE                     | 0805                |          | •                   | •                 | •                 | •                |
| 0808                      | Introduction to Aquatics                         | 5       |       | PE                     | †                   |          |                     | •                 | •                 | •                |
| 0809                      | Lifeguard Training                               | 5       | 10-12 | PE                     | †                   |          |                     | •                 | •                 | •                |
| 0810                      | Aquatics   | 5       |       | PE                     | †                   |          |                     | •                 | •                 | •                |
| 0814                      | Athletic Training and Sports Injury              | 5       |       |                        |                     |          |                     | •                 | •                 | •                |
| 0815 A/B                  | Athletic Training and Sports Injuries Internship | 10      | 11-12 |                        | †                   |          |                     | •                 | •                 | •                |
| 0816                      | Advanced Performance                             | 5       |       | PE                     | †                   |          |                     | •                 | •                 | •                |
| 0817                      | Sport Officiating                                | 5       |       | PE                     | 0800 or 0803        |          |                     | •                 | •                 | •                |
| <b>SCIENCE</b>            |  |         |       |                        |                     |          |                     |                   |                   |                  |
| 0321 A/B                  | Introduction to IB Chemistry and IB Physics      | 10      | 10    | C, P                   | 0327                |          | •                   |                   | •                 |                  |
| 0327 A/B                  | Biology  | 10      | 9     |                        |                     |          | •                   | •                 | •                 | •                |
| 0328                      | Physical Science: Chemistry                      | 5       | 10-11 | C                      | 0327                |          | •                   | •                 | •                 | •                |
| 0329                      | Physical Science: Physics                        | 5       | 10-11 | P                      | 0327                |          | •                   | •                 | •                 | •                |
| 0333                      | Zoology  | 5       |       |                        | 0327                |          | •                   | •                 | •                 | •                |
| 0334 A/B                  | Chemistry  | 10      |       | C                      | 0211, 0327          |          | •                   | •                 | •                 | •                |
| 0335                      | Astronomy  | 5       |       |                        |                     |          | •                   | •                 | •                 | •                |
| 0346                      | Environmental Science                            | 5       |       |                        | 0327                |          | •                   | •                 | •                 | •                |
| 0347 A/B                  | AP Environmental Science                         | 10      |       |                        | 0327†               |          | •                   |                   | •                 | •                |
| 0352 A/B                  | Physics  | 10      | 10-11 | P                      | 0231 or 0233†, 0327 |          | •                   |                   | •                 | •                |
| 0362 A/B                  | Human Physiology                                 | 10      |       |                        | 0327                |          | •                   |                   | •                 | •                |
| 0370 A/B                  | AP Chemistry                                     | 10      |       |                        | 0231†               |          | •                   |                   | •                 | •                |
| 0371 A/B                  | IB Chemistry HL I                                | 10      | 11    |                        | 0321†               |          | •                   |                   | •                 |                  |
| 0372 A/B                  | IB Chemistry HL II                               | 10      | 12    |                        | 0371                |          | •                   |                   | •                 |                  |
| 0375 A/B                  | IB Biology SL                                    | 10      | 11-12 |                        | 0334                |          | •                   |                   | •                 |                  |
| 0376 A/B                  | IB Biology HL I                                  | 10      | 11    |                        | 0334                |          | •                   |                   | •                 |                  |
| 0377 A/B                  | AP Biology                                       | 10      |       |                        | 0327, 0334          |          | •                   |                   | •                 | •                |
| 0378 A/B                  | IB Biology HL II                                 | 10      | 12    |                        | 0376                |          | •                   |                   | •                 |                  |
| 0383 A/B                  | AP Physics 1: Algebra-Based                      | 10      | 10-12 | P                      | 0231 or 0233†, 0327 |          | •                   |                   | •                 | •                |
| 0384 A/B                  | AP Physics 2: Algebra-Based                      | 10      |       |                        | 0352 or 0383†       |          | •                   |                   | •                 | •                |
| 0380 A/B                  | IB Physics SL                                    | 10      | 11-12 |                        | 0321†               |          | •                   |                   | •                 |                  |
| 0381 A/B                  | IB Physics HL I                                  | 10      | 11    |                        | 0321†               |          | •                   |                   | •                 |                  |
| 0382 A/B                  | IB Physics HL II                                 | 10      | 12    |                        | 0381                |          | •                   |                   | •                 |                  |

C = Fulfills Chemistry Graduation Requirement

P = Fulfills Physics Graduation Requirement

PE = Fulfills Physical Education Graduation Requirement

† = See course descriptions for additional requirements.

| Course                   | Course Name  | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|--------------------------|--|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>SOCIAL STUDIES</b>    |  |         |       |                        |               |          |                     |                   |                   |                  |
| 0408                     | World Geography                                    | 5       | 9     |                        |               | •        | •                   | •                 | •                 | •                |
| 0414                     | United States Government and Economics             | 5       | 11-12 |                        |               | •        | •                   | •                 | •                 | •                |
| 0415                     | AP United States Government and Politics           | 5       | 11-12 |                        |               | •        |                     | •                 | •                 | •                |
| 0458 A/B                 | IB Early Modern World History SL/HL I              | 10      | 11-12 |                        |               | •        |                     | •                 |                   |                  |
| 0420 A/B                 | World History                                      | 10      | 10-12 |                        |               | •        | •                   | •                 | •                 | •                |
| 0424 A/B                 | AP World History                                   | 10      | 10-12 |                        |               | •        |                     | •                 | •                 | •                |
| 0422                     | World Religions                                    | 5       |       |                        | 0408 or 0456  | •        |                     | •                 | •                 | •                |
| 0425                     | Human Diversity                                    | 5       |       | HR                     |               | •        | •                   | •                 | •                 | •                |
| 0426                     | International Relations                            | 5       |       | HR                     |               | •        | •                   | •                 | •                 | •                |
| 0430                     | Introduction to Behavioral Sciences                | 5       |       | HR                     |               | •        |                     | •                 | •                 | •                |
| 0431                     | Sociology  | 5       | 11-12 | HR                     |               | •        | •                   | •                 | •                 | •                |
| 0432                     | Psychology   | 5       | 11-12 | HR                     |               | •        | •                   | •                 | •                 | •                |
| 0433 A/B                 | IB Psychology SL                                   | 10      | 11-12 | HR                     |               | •        |                     | •                 |                   |                  |
| 0442                     | Law Studies  | 5       | 11-12 |                        |               | •        | •                   | •                 | •                 | •                |
| 0449 A/B                 | United States History                              | 10      | 11-12 |                        |               | •        | •                   | •                 | •                 | •                |
| 0450 A/B                 | AP United States History                           | 10      | 11-12 |                        |               | •        |                     | •                 | •                 | •                |
| 0451 A/B                 | AP European History                                | 10      |       |                        | 0408 or 0456  | •        |                     | •                 | •                 | •                |
| 0453                     | AP Psychology                                      | 5       |       |                        | 0432          | •        |                     | •                 | •                 | •                |
| 0455 A/B                 | IB History of the Americas HL II                   | 10      | 12    |                        | 0418          | •        |                     | •                 |                   |                  |
| 0456 A/B                 | AP Human Geography                                 | 10      |       |                        |               | •        |                     | •                 | •                 | •                |
| 0457                     | AP Comparative Government and Politics             | 5       |       |                        | 0420 or 0424  | •        |                     | •                 | •                 | •                |
| <b>SPECIAL EDUCATION</b> |  |         |       |                        |               |          |                     |                   |                   |                  |
| 0900 A/B                 | Fundamental English                                | 10      |       |                        | †             |          |                     | •                 | •                 | •                |
| 0903 A/B                 | Essentials of English 11                           | 10      | 11    |                        | †             |          |                     | •                 | •                 | •                |
| 0908 A/B                 | Fundamental Reading                                | 10      |       |                        | †             |          |                     | •                 | •                 | •                |
| 0920 A/B                 | Fundamental Mathematics                            | 10      |       |                        | †             |          |                     | •                 | •                 | •                |
| 0930 A/B                 | Fundamental Science                                | 10      |       |                        | †             |          |                     | •                 | •                 | •                |
| 0932 A/B                 | Essentials of Biology                              | 10      | 9     |                        | †             |          |                     | •                 | •                 | •                |
| 0933                     | Essentials of Human Physiology I                   | 5       | 11-12 |                        | †             |          |                     | •                 | •                 | •                |
| 0934                     | Essentials of Human Physiology II                  | 5       | 11-12 |                        | †             |          |                     | •                 | •                 | •                |
| 0935                     | Essentials of Environmental Science                | 5       | 10-12 |                        | †             |          |                     | •                 | •                 | •                |
| 0936                     | Essentials of Physical Science: Chemistry          | 5       | 10-11 | C                      | †             |          |                     | •                 | •                 | •                |
| 0937                     | Essentials of Physical Science: Physics            | 5       | 10-11 | P                      | †             |          |                     | •                 | •                 | •                |
| 0940 A/B                 | Fundamental Social Studies                         | 10      |       |                        | †             |          |                     | •                 | •                 | •                |
| 0944                     | Essentials of United States Government & Economics | 5       | 11-12 |                        | †             |          |                     | •                 | •                 | •                |
| 0946                     | Essentials of World Geography                      | 5       | 9     |                        | †             |          |                     | •                 | •                 | •                |
| 0947                     | Essentials of Human Diversity                      | 5       |       | HR                     | †             |          |                     | •                 | •                 | •                |
| 0948 A/B                 | Essentials of World History                        | 10      | 10    |                        | †             |          |                     | •                 | •                 | •                |
| 0949 A/B                 | Essentials of United States History                | 10      | 11-12 |                        | †             |          |                     | •                 | •                 | •                |
| 0950                     | Fundamental Daily Living                           | 5       | 10-12 | H                      | †             |          |                     | •                 | •                 | •                |
| 0951                     | Fundamental Independent Living                     | 5       |       |                        | †             |          |                     | •                 | •                 | •                |
| 0952                     | Career Readiness Skills and Exploration            | 5       |       |                        | †             |          |                     | •                 | •                 | •                |
| 0953                     | College Readiness Skills and Exploration           | 5       |       |                        | †             |          |                     | •                 | •                 | •                |
| 0960                     | Fundamental Personal Finance                       | 5       |       | FL                     | †             |          |                     | •                 | •                 | •                |
| 0970 A/B                 | Fundamental Technology                             | 10      |       |                        | †             |          |                     | •                 | •                 | •                |
| 0971 A/B                 | Fundamental Prevocational Skills                   | 10      |       |                        | †             |          |                     | •                 | •                 | •                |
| 0972                     | Fundamentals of Speech                             | 5       |       | OC                     | †             |          |                     | •                 | •                 | •                |
| 0973                     | Work Introduction Network I                        | 5       |       | HR                     | †             |          |                     | •                 | •                 | •                |
| 0974                     | Work Introduction Network II                       | 5       |       |                        | †             |          |                     | •                 | •                 | •                |

C = Fulfills Chemistry Graduation Requirement  
H = Fulfills Health Education Graduation Requirement  
OC = Fulfills Oral Communications Graduation Requirement  
† = See course descriptions for additional requirements

FL = Fulfills Financial Literacy Graduation Requirement  
HR = Fulfills Human Resources Graduation Requirement  
P = Fulfills Physics Graduation Requirement

| Course                | Course Name                     | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|-----------------------|---------------------------------|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>WORLD LANGUAGE</b> |                                 |         |       |                        |               |          |                     |                   |                   |                  |
| 0112 A/B              | German I                        | 10      |       |                        |               |          |                     | •                 | •                 | •                |
| 0113 A/B              | German II                       | 10      |       |                        | 0112          |          |                     | •                 | •                 | •                |
| 0114 A/B              | Honors German II                | 10      |       |                        | 0112          |          |                     | •                 | •                 | •                |
| 0115 A/B              | German III                      | 10      |       |                        | 0113          |          |                     | •                 | •                 | •                |
| 0116 A/B              | Honors German III               | 10      |       |                        | 0113 or 0114  |          |                     | •                 | •                 | •                |
| 0117 A/B              | German IV                       | 10      |       |                        | 0115          |          |                     | •                 | •                 | •                |
| 0118 A/B              | Honors German IV/German V       | 10      |       |                        | 0116 or 0117  |          |                     | •                 | •                 | •                |
| 0119 A/B              | AP German Language and Culture  | 10      |       |                        | 0118          |          |                     | •                 | •                 | •                |
| 0120 A/B              | IB German B SL                  | 10      | 12    |                        | 0118          |          |                     | •                 |                   |                  |
| 0132 A/B              | French I                        | 10      |       |                        |               |          |                     | •                 | •                 | •                |
| 0133 A/B              | French II                       | 10      |       |                        | 0132          |          |                     | •                 | •                 | •                |
| 0134 A/B              | Honors French II                | 10      |       |                        | 0132          |          |                     | •                 | •                 | •                |
| 0135 A/B              | French III                      | 10      |       |                        | 0133          |          |                     | •                 | •                 | •                |
| 0136 A/B              | Honors French III               | 10      |       |                        | 0133 or 0134  |          |                     | •                 | •                 | •                |
| 0137 A/B              | French IV                       | 10      |       |                        | 0135          |          |                     | •                 | •                 | •                |
| 0138 A/B              | Honors French IV/French V       | 10      |       |                        | 0136 or 0137  |          |                     | •                 | •                 | •                |
| 0139 A/B              | AP French Language and Culture  | 10      |       |                        | 0138          |          |                     | •                 | •                 | •                |
| 0140 A/B              | IB French B SL                  | 10      | 12    |                        | 0138          |          |                     | •                 |                   |                  |
| 0152 A/B              | Spanish I                       | 10      |       |                        |               |          | •                   | •                 | •                 | •                |
| 0153 A/B              | Spanish II                      | 10      |       |                        | 0152          |          | •                   | •                 | •                 | •                |
| 0154 A/B              | Honors Spanish II               | 10      |       |                        | 0152          |          |                     | •                 | •                 | •                |
| 0155 A/B              | Spanish III                     | 10      |       |                        | 0153          |          |                     | •                 | •                 | •                |
| 0156 A/B              | Honors Spanish III              | 10      |       |                        | 0153 or 0154  |          |                     | •                 | •                 | •                |
| 0157 A/B              | Spanish IV                      | 10      |       |                        | 0155          |          |                     | •                 | •                 | •                |
| 0158 A/B              | Honors Spanish IV/Spanish V     | 10      |       |                        | 0156 or 0157  |          |                     | •                 | •                 | •                |
| 0159 A/B              | AP Spanish Language and Culture | 10      |       |                        | 0158          |          |                     | •                 | •                 | •                |
| 0160 A/B              | IB Spanish B SL                 | 10      | 12    |                        | 0158          |          |                     | •                 |                   |                  |
| 0171 A/B              | IB Spanish A2 HL A              | 10      | 12    |                        |               |          |                     | •                 |                   |                  |
| 0161 A/B              | IB Latin SL                     | 10      | 12    |                        | 0164          |          |                     | •                 |                   |                  |
| 0162 A/B              | Latin I                         | 10      |       |                        |               |          |                     | •                 |                   |                  |
| 0163 A/B              | Latin II                        | 10      |       |                        | 0162          |          |                     | •                 |                   |                  |
| 0164 A/B              | Latin III                       | 10      |       |                        | 0163          |          |                     | •                 |                   |                  |
| 0172 A/B              | AP Latin                        | 10      |       |                        | 0164          |          |                     | •                 |                   |                  |

| Course                                   | Course Name                                     | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Dual Enrollment Credit |  |
|--|---|---------|-------|------------------------|---------------|----------|------------------------|--|
| <b>ACADEMIES IN MILLARD HIGH SCHOOLS</b> |   |         |       |                        |               |          |                        |  |
|  | <b>Business and Entrepreneurship Academy</b>    |         |       |                        | Application   |          |                        |  |
| 0007 A/B                                 | English 11                                      | 10      | 11    |                        |               | •        | M                      | This academy is located at Millard South High School.<br><br>Application is open to all Millard students.      |
| AEN01 A/B                                | College Accounting I                            | 10      | 11    |                        |               |          | M                      |  |
| AEN05                                    | Wealth Building and Personal Finance            | 5       | 11    | FL                     |               |          | M                      |  |
| AEN10                                    | Introduction to Business                        | 5       | 11    |                        |               |          | O                      |  |
| AEN20                                    | Introduction to Entrepreneurship                | 5       | 11    |                        |               |          | M                      |  |
| AEN25                                    | Legal Issues for the Entrepreneur               | 5       | 11    |                        |               |          | M                      |  |
| AEN30                                    | Entrepreneurship Feasibility Study              | 5       | 12    |                        |               |          | M                      |  |
| AEN15                                    | College Accounting II                           | 5       | 12    |                        |               |          | M                      |  |
| AEN40                                    | Marketing for the Entrepreneur                  | 5       | 12    |                        |               |          | M                      |  |
| AEN45 A/B                                | Entrepreneurship Internship                     | 10      | 12    |                        |               |          | M                      |  |
| 0540                                     | AP Macroeconomics                               | 5       | 12    |                        | 0211          |          | O                      |  |
| 0541                                     | AP Microeconomics                               | 5       | 12    |                        | 0211          |          | O                      |  |
| AEN55                                    | Principles of Management                        | 5       | 12    |                        |               |          | M                      |  |
|  | <b>Business and Logistics Management</b>        |         |       |                        | Application   |          |                        |  |
| 0007 A/B                                 | English 11                                      | 10      | 11    |                        |               | •        |                        | This academy is located at Keith Lutz Horizon High School.<br><br>Application is open to all Millard students. |
| ATD10                                    | Introduction to Business                        | 5       | 11    |                        |               |          | M                      |  |
| ATD01                                    | Intro. Transportation, Distribution & Logistics | 5       | 11    |                        |               |          | M                      |  |
| ATD05                                    | Industrial Safety and Health                    | 5       | 11    |                        |               |          | M                      |  |
| ATD15                                    | Introduction to Distribution                    | 5       | 11    |                        |               |          | M                      |  |
| ATD20                                    | Principles of Marketing                         | 5       | 11    |                        |               |          | M                      |  |
| ATD25                                    | Principles of Management                        | 5       | 11    |                        |               |          | M                      |  |
| ATD30                                    | Mechanical Print Reading                        | 5       | 12    |                        |               |          | M                      |  |
| ATD35                                    | Business Logistics                              | 5       | 12    |                        |               |          | M                      |  |
| ATD40                                    | Purchasing and Material Management              | 5       | 12    |                        |               |          | M                      |  |
| ATD50                                    | Production & Operations Management              | 5       | 12    |                        |               |          | M                      |  |
| ATD55 A/B                                | Business and Logistics Management Internship    | 10      | 12    |                        |               |          |                        |  |
| ATD60                                    | College Composition and Research                | 5       | 12    | EE                     | 0004 or 0007  | •        |                        |  |
| ATD65                                    | Radio Frequency Identification                  | 5       | 12    |                        |               |          | M                      |  |

EE = English Elective

FL = Fulfills Financial Literacy Graduation Requirement

| Course                                   | Course Name                                       | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Dual Enrollment Credit |  |
|--|---|---------|-------|------------------------|---------------|----------|------------------------|--|
| <b>ACADEMIES IN MILLARD HIGH SCHOOLS</b> |   |         |       |                        |               |          |                        |  |
|  | <b>Education Academy</b>                          |         |       |                        | Application   |          |                        |  |
| 0007 A/B                                 | English 11  | 10      | 11    |                        |               | •        | M                      | This academy is located at Millard West High School.<br><br>Application is open to all Millard students.       |
| 0527                                     | Child Development                                 | 5       | 11    | HR                     |               |          | M                      |  |
| AED02                                    | Preschool Child Development                       | 5       | 11    |                        |               |          | M                      |  |
| AED35                                    | Professional Speaking                             | 5       | 11    | OC                     |               | •        | M                      |  |
| AED10                                    | Introduction to Professional Education            | 5       | 11    |                        |               |          | O                      |  |
| AED15                                    | Education Seminar I                               | 5       | 11    |                        |               |          |                        |  |
| 0422                                     | World Religions                                   | 5       | 11    |                        | 0408 or 0456  |          | O                      |  |
| AED20                                    | Behavior Modifications and Principles of Learning | 5       | 12    |                        |               |          | M                      |  |
| 0453                                     | AP Psychology                                     | 5       | 12    |                        | 0432          | •        | O                      |  |
| AED25                                    | Introduction to Communication Disorders           | 5       | 12    |                        |               |          | O                      |  |
| AED30                                    | Best Practices in Education                       | 5       | 12    |                        |               |          |                        |  |
| AED05                                    | College Composition and Research                  | 5       | 12    | EE                     | 0004 or 0007  | •        | M                      |  |
| AED40                                    | Education Seminar II                              | 5       | 12    |                        |               |          |                        |  |
| AED45                                    | Education Seminar III                             | 5       | 12    |                        |               |          |                        |  |
| AED50                                    | Education Practicum                               | 5       | 12    |                        |               |          |                        |  |
|  | <b>Health Sciences Academy</b>                    |         |       |                        | Application   |          |                        |  |
| AHS01                                    | Human Anatomy and Physiology                      | 10      | 11    | SE                     |               | •        | M                      | This academy is located at Keith Lutz Horizon High School.<br><br>Application is open to all Millard students. |
| AHS05                                    | Medical Terminology I                             | 5       | 11    |                        |               |          | M                      |  |
| AHS10                                    | Medical Terminology II                            | 5       | 11    |                        |               |          | M                      |  |
| AHS15                                    | Health Sciences Orientation Seminar               | 5       | 11    |                        |               |          | M                      |  |
| AHS20                                    | Introduction to Medical Law and Ethics            | 5       | 11    |                        |               |          | M                      |  |
| AHS25                                    | Nutrition in the Life Cycle                       | 5       | 11    |                        |               |          | M                      |  |
| AHS30                                    | Disease Processes                                 | 5       | 11    | SE                     |               | •        | M                      |  |
| 0432                                     | Psychology  | 5       | 12    | HR                     |               |          |                        |  |
| 0453                                     | AP Psychology                                     | 5       | 12    |                        | 0432          | •        |                        |  |
| AHS35                                    | Long Term Care/Certified Nursing Assistant        | 10      | 12    |                        |               |          | M                      |  |
| AHS40                                    | Genetics  | 5       | 12    | SE                     |               | •        | M                      |  |
| AHS45                                    | Emergency Medical Technician-Basic                | 10      | 12    |                        |               |          | M                      |  |
| AHS50                                    | Health Sciences Internship                        | 10      | 12    |                        |               |          |                        |  |
| 0035                                     | College Writing                                   | 5       | 12    |                        | 0004 or 0007  |          |                        |  |

EE = English Elective

HR = Fulfills Human Resources Graduation Requirement

OC = Fulfills Oral Communications Graduation Requirement

SE = Science Elective

M = Metropolitan Community College

O = University of Nebraska at Omaha

| Course                     | Course Name                              | Credits | Grade | Graduation Requirement | Prerequisites          | ACT Core | Horizon High School | North High School | South High School | West High School |
|----------------------------|--|---------|-------|------------------------|------------------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>ADVANCED PLACEMENT®</b> |  |         |       |                        |                        |          |                     |                   |                   |                  |
| 0047 A/B                   | AP English Language and Composition      | 10      |       |                        | 0004 or 0007           | •        |                     | •                 | •                 | •                |
| 0048 A/B                   | AP English Literature and Composition    | 10      |       |                        | 0004 or 0007           | •        |                     | •                 | •                 | •                |
| 0119 A/B                   | AP German Language and Culture           | 10      |       |                        | 0118                   |          |                     | •                 | •                 | •                |
| 0139 A/B                   | AP French Language and Culture           | 10      |       |                        | 0137                   |          |                     | •                 | •                 | •                |
| 0159 A/B                   | AP Spanish Language and Culture          | 10      |       |                        | 0158                   |          |                     | •                 | •                 | •                |
| 0172 A/B                   | AP Latin                                 | 10      |       |                        | 0164                   |          |                     | •                 |                   |                  |
| 0243 A/B                   | AP Statistics                            | 10      |       |                        | 0231                   | •        |                     | •                 | •                 | •                |
| 0252 A/B                   | AP Calculus AB                           | 10      |       |                        | 0238, 0239             | •        |                     | •                 | •                 | •                |
| 0253 A/B                   | AP Calculus BC                           | 10      |       |                        | 0239                   | •        |                     | •                 | •                 | •                |
| 0257A/B                    | AP Computer Science A                    | 10      | 10-12 |                        | 0563                   |          |                     | •                 | •                 | •                |
| 0565 A/B                   | AP Computer Science Principles           | 10      |       |                        | 0204 or 0211           |          |                     | •                 | •                 | •                |
| 0347 A/B                   | AP Environmental Science                 | 10      |       |                        | 0327 †                 | •        |                     | •                 | •                 | •                |
| 0370 A/B                   | AP Chemistry                             | 10      |       |                        | 0231 †                 | •        |                     | •                 | •                 | •                |
| 0377 A/B                   | AP Biology                               | 10      |       |                        | 0327, 0334             | •        |                     | •                 | •                 | •                |
| 0383 A/B                   | AP Physics 1: Algebra-Based              | 10      | 10-12 | P                      | 0231 or 0233†,<br>0327 | •        |                     | •                 | •                 | •                |
| 0384 A/B                   | AP Physics 2: Algebra-Based              | 10      |       |                        | 0352, 0383†            | •        |                     | •                 | •                 | •                |
| 0415                       | AP United States Government and Politics | 5       | 11-12 |                        |                        | •        |                     | •                 | •                 | •                |
| 0424 A/B                   | AP World History                         | 10      | 10-12 |                        |                        | •        |                     | •                 | •                 | •                |
| 0450 A/B                   | AP United States History                 | 10      | 11-12 |                        |                        | •        |                     | •                 | •                 | •                |
| 0451 A/B                   | AP European History                      | 10      |       |                        | 0408 or 0456           | •        |                     | •                 | •                 | •                |
| 0453                       | AP Psychology                            | 5       |       |                        | 0432                   | •        |                     | •                 | •                 | •                |
| 0456 A/B                   | AP Human Geography                       | 10      |       |                        | 0412 †                 | •        |                     | •                 | •                 | •                |
| 0457                       | AP Comparative Government and Politics   | 5       |       |                        | 0420 or 0424           | •        |                     | •                 | •                 | •                |
| 0540                       | AP Macroeconomics                        | 5       |       |                        | 0211                   |          |                     | •                 | •                 | •                |
| 0541                       | AP Microeconomics                        | 5       |       |                        | 0211                   |          |                     | •                 | •                 | •                |
| 0799                       | AP Music Theory                          | 5       |       |                        | 0798                   |          |                     | •                 | •                 | •                |

P = Fulfills Physics Graduation Requirement

† = See course descriptions for additional requirements.

| Course   | Course Name                                      | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core |  |
|--|--|---------|-------|------------------------|---------------|----------|--|
| <b>AIR FORCE JUNIOR RESERVE OFFICER TRAINING CORPS (AFJROTC)</b> |  |         |       |                        |               |          |  |
|  | Cadet Year 1                                     |         |       |                        |               |          |  |
| AS100  | A Journey into Aviation History                  | 5       |       |                        |               |          | The AFJROTC is located at Millard South High School. |
| LE100  | Citizenship, Character and Air Force Tradition   | 5       |       | PE                     |               |          |  |
| AS220  | Cultural Studies: An Intro to Global Awareness   | 5       |       | WG                     |               |          |  |
|  | Cadet Year 2                                     |         |       |                        |               |          |  |
| AS200  | The Science of Flight: A Gateway to New Horizons | 5       |       | SE                     |               |          | Within District transfer is required to participate. |
| LE200  | Communication, Awareness and Leadership          | 5       |       |                        |               |          |  |
|  | Cadet Year 3                                     |         |       |                        |               |          |  |
| AS300  | Exploring Space: The High Frontier               | 5       |       |                        |               |          |  |
| LE300  | Life Skills and Career Opportunities             | 5       |       | FL                     |               |          |  |
|  | Cadet Year 4                                     |         |       |                        |               |          |  |
| AS400  | Management of the Cadet Corps                    | 5       | 11-12 |                        |               |          |  |
| LE400  | Principles of Management                         | 5       |       |                        |               |          |  |

FL = Fulfills Financial Literacy Graduation Requirement

PE = Fulfills Physical Education Graduation Requirement

SE = Science Elective

WG = Fulfills World Geography Graduation Requirement

| Course               | Course Name                               | Credits | Grade | Graduation Requirement | Prerequisites       | ACT Core | Dual Enrollment Credit |
|----------------------|---|---------|-------|------------------------|---------------------|----------|------------------------|
| <b>EARLY COLLEGE</b> |   |         |       |                        |                     |          |                        |
| <b>9th Grade</b>     |   |         |       |                        |                     |          |                        |
| Application          |   |         |       |                        |                     |          |                        |
| 0327 A/B             | Biology                                   | 10      | 9     |                        |                     | •        | M                      |
| 0456 A/B             | AP Human Geography                        | 10      |       |                        | †                   | •        | M                      |
| 0561                 | Information Technology Applications       | 5       |       |                        |                     |          | M                      |
| PD80                 | Academic Seminar                          | 5       |       |                        |                     |          | M                      |
| 0154 A/B             | Honors Spanish II                         | 10      |       |                        | 0152                |          | M                      |
| <b>10th Grade</b>    |   |         |       |                        |                     |          |                        |
| Application          |   |         |       |                        |                     |          |                        |
| 0004 A/B             | Honors English 10                         | 10      |       |                        | 0003                | •        | M                      |
| 0334 A/B             | Chemistry                                 | 10      |       | C                      | 0211, 0327          | •        | M                      |
| 0420 A/B             | World History or                          | 10      | 10-12 |                        |                     | •        | M                      |
| 0424 A/B             | AP World History                          | 10      | 10-12 |                        |                     | •        | M                      |
| 0720                 | Drawing or                                | 5       |       |                        | 0705                |          | M                      |
| 0020                 | Speech                                    | 5       |       | OC                     |                     | •        | M                      |
| 0136 A/B             | Honors French III                         | 10      |       |                        | 0133 or 0134        |          | M                      |
| 0156 A/B             | Honors Spanish III                        | 10      |       |                        | 0153 or 0154        |          | M                      |
| <b>11th Grade</b>    |   |         |       |                        |                     |          |                        |
| Application          |   |         |       |                        |                     |          |                        |
| 0007 A/B             | English 11                                | 10      |       |                        | 0002 or 0060        | •        | M                      |
| 0231 A/B             | Algebra II                                | 10      |       |                        | 0220                | •        | M                      |
| 0243 A/B             | AP Statistics                             | 10      |       |                        | 0231                | •        | M                      |
| 0233 A/B             | Honors Algebra II                         | 10      |       |                        | 0221                | •        | M                      |
| 0383 A/B             | AP Physics 1: Algebra-Based               | 10      | 10-12 | P                      | 0231 or 0233†, 0327 |          | M                      |
| 0138 A/B             | Honors French IV/French V                 | 10      |       |                        | 0136 or 0137        |          | M                      |
| 0114 A/B             | Honors German II or                       | 10      |       |                        | 0112                |          | M                      |
| 0158 A/B             | Honors Spanish IV/Spanish V               | 10      |       |                        | 0156 or 0157        |          | M                      |
| 0747                 | Music Connections                         | 5       |       | F                      |                     |          | M                      |
| <b>12th Grade</b>    |   |         |       |                        |                     |          |                        |
| Application          |   |         |       |                        |                     |          |                        |
| 0035                 | College Writing                           | 5       |       |                        | 0004 or 0007        | •        | M                      |
| 0048 A/B             | AP English Literature and Composition     | 10      | 12    |                        | 0004 or 0007        |          | M                      |
| 0244 A/B             | College Algebra or                        | 10      |       |                        | 0231                | •        | M                      |
| 0238 A/B             | Precalculus or                            | 10      |       |                        | 0231                | •        | M                      |
| 0239 A/B             | Honors Precalculus                        | 10      |       |                        | 0233                | •        | M                      |
| 0252 A/B             | AP Calculus AB                            | 10      |       |                        | 0238 or 0239        | •        | M                      |
| 0253 A/B             | AP Calculus BC                            | 10      |       |                        | 0239                | •        | M                      |
| 0254 A/B             | Calculus III/Differential Equations *     | 10      |       |                        | 0253                | •        | M                      |
| 0414                 | United States Government and Economics    | 5       | 11-12 |                        | 0420 or 0424        | •        | M                      |
| 0415                 | AP United States Government and Economics | 5       | 11-12 |                        | 0420 or 0424        | •        | M                      |
| 0450 A/B             | AP United States History                  | 10      | 11-12 |                        | 0420 or 0424        |          | M                      |
| 0453                 | AP Psychology                             | 5       |       |                        | 0432                |          | M                      |
| 0540                 | AP Macroeconomics                         | 5       |       |                        | 0204 or 0211        |          | M                      |
| 0541                 | AP Microeconomics                         | 5       |       |                        | 0204 or 0211        |          | M                      |
| 0139 A/B             | AP French Language and Culture            | 10      |       |                        | 0138                |          | M                      |
| 0118 A/B             | Honors German IV/German V                 | 10      |       |                        | 0116 or 0117        |          | M                      |
| 0119 A/B             | AP German Language and Culture            | 10      |       |                        | 0118                |          | M                      |
| 0159 A/B             | AP Spanish Language and Culture           | 10      |       |                        | 0158                |          | M                      |

This program is located at Millard South High School.

Within District transfer is required to participate.

Application is open to all Millard students.

C = Fulfills Chemistry Graduation Requirement

M=Metropolitan Community College

F = Fulfills Fine and Performing Arts Graduation Requirement

OC = Fulfills Oral Communications Graduation Requirement

P = Fulfills Physics Graduation Requirement

† = See course descriptions for additional requirements

\*Pending instructor availability – may need to arrange schedule to attend available instructor's assigned high school.

| Course   | Course Name                                 | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|--|---|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>INFORMATION TECHNOLOGY (IT) MINI-MAGNET PROGRAM</b> |   |         |       |                        |               |          |                     |                   |                   |                  |
|  | <b>Computer Applications</b>                |         |       |                        |               |          |                     |                   |                   |                  |
| 0561   | Information Technology Applications         | 5       |       |                        |               |          |                     |                   | •                 |                  |
|  | <b>Programming and Software Development</b> |         |       |                        |               |          |                     |                   |                   |                  |
| 0563   | Computer Science Programming                | 5       |       |                        |               |          |                     |                   | •                 |                  |
| 0257 A/B   | AP Computer Science A                       | 10      |       |                        | 0563          |          |                     |                   | •                 |                  |
| 0564   | Computer Science Principles                 | 5       |       |                        |               |          |                     |                   | •                 |                  |
| 0565 A/B   | AP Computer Science Principles              | 10      |       |                        | 0204 or 0211  |          |                     |                   | •                 |                  |
|  | <b>Digital Communications</b>               |         |       |                        |               |          |                     |                   |                   |                  |
| 0562   | Digital Design                              | 5       |       |                        |               |          |                     |                   | •                 |                  |
| 0570   | Digital Media                               | 5       |       |                        | 0562          |          |                     |                   | •                 |                  |
| 0571   | Web Design                                  | 5       |       |                        | 0570          |          |                     |                   | •                 |                  |
| 0572   | Visual Graphics                             | 5       |       |                        | 0571          |          |                     |                   | •                 |                  |
| 0656   | Advanced Visual Graphics                    | 5       |       |                        | 0572          |          |                     |                   | •                 |                  |
| 0985 A/B   | STARS                                       | 10      | 11-12 |                        | †             |          |                     |                   | •                 |                  |
| 0987 A/B   | STARS Internship                            | 10      | 11-12 |                        | 0985†         |          |                     |                   | •                 |                  |

† = See course descriptions for additional requirements

| Course   | Course Name   | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Page Number |
|--|---|---------|-------|------------------------|---------------|----------|-------------|
| <b>INTERNATIONAL BACCALAUREATE® MIDDLE YEARS PROGRAMME</b> |   |         |       |                        |               |          |             |
| 0001 A/B   | English 9   | 10      |       |                        |               | •        | 38          |
| 0002 A/B   | English 10  | 10      |       |                        |               | •        | 38          |
| 0003 A/B   | Honors English 9  | 10      |       |                        |               | •        | 38          |
| 0004 A/B   | Honors English 10   | 10      |       |                        | 0003          | •        | 38          |
| 0021 A/B   | Forensics: Competitive Speech   | 10      |       | OC                     |               |          | 39          |
| 0059 A/B   | English 9 Literacy Enrichment   | 10      |       |                        |               |          | 41          |
| 0060 A/B   | English 10 Literacy Enrichment  | 10      |       |                        |               |          | 41          |
| 0064   | Introduction to Journalism, Photojournalism, and Broadcast Journalism | 5       |       |                        |               |          | 42          |
| 0077   | Broadcast Journalism  | 5       |       |                        | 0064          |          | 43          |
| 0203 A/B   | Alg I: Foundations 1  | 10      |       |                        |               |          | 45          |
| 0204 A/B   | Alg I/Geo: Foundations 2  | 10      |       |                        |               |          | 46          |
| 0211 A/B   | Algebra I   | 10      |       |                        |               | •        | 46          |
| 0220 A/B   | Geometry  | 10      |       |                        | 0211          | •        | 46          |
| 0221 A/B   | Honors Geometry   | 10      |       |                        | 0211          | •        | 46          |
| 0231 A/B   | Algebra II  | 10      |       |                        | 0220          | •        | 46          |
| 0233 A/B   | Honors Algebra II   | 10      |       |                        | 0221          | •        | 46          |
| 0238 A/B   | Precalculus   | 10      |       |                        | 0231          | •        | 47          |

OC = Fulfills Oral Communications Graduation Requirement

| Course   | Course Name                                 | Credits | Grade | Graduation Requirement | Prerequisites       | ACT Core | Page Number |
|--|---|---------|-------|------------------------|---------------------|----------|-------------|
| <b>INTERNATIONAL BACCALAUREATE® MIDDLE YEARS PROGRAMME</b> |   |         |       |                        |                     |          |             |
| 0112 A/B   | German I                                    | 10      |       |                        |                     |          | 76          |
| 0113 A/B   | German II                                   | 10      |       |                        | 0112                |          | 76          |
| 0114 A/B   | Honors German II                            | 10      |       |                        | 0112                |          | 76          |
| 0115 A/B   | Honors German III                           | 10      |       |                        | 0113                |          | 76          |
| 0132 A/B   | French I                                    | 10      |       |                        |                     |          | 74          |
| 0133 A/B   | French II                                   | 10      |       |                        | 0132                |          | 74          |
| 0134 A/B   | Honors French II                            | 10      |       |                        | 0132                |          | 75          |
| 0136 A/B   | Honors French III                           | 10      |       |                        | 0134                |          | 75          |
| 0152 A/B   | Spanish I                                   | 10      |       |                        |                     |          | 77          |
| 0153 A/B   | Spanish II                                  | 10      |       |                        | 0152                |          | 77          |
| 0154 A/B   | Honors Spanish II                           | 10      |       |                        | 0152                |          | 77          |
| 0156 A/B   | Honors Spanish III                          | 10      |       |                        | 0154                |          | 77          |
| 0162 A/B   | Latin I                                     | 10      |       |                        |                     |          | 78          |
| 0163 A/B   | Latin II                                    | 10      |       |                        | 0162                |          | 78          |
| 0561   | Information Technology Applications         | 5       |       |                        |                     |          | 23          |
| 0562   | Digital Design                              | 5       |       |                        |                     |          | 23          |
| 0563   | Computer Science Programming                | 5       |       |                        |                     |          | 23          |
| 0321 A/B   | Introduction to IB Chemistry and IB Physics | 10      | 10    | C, P                   | 0327                | •        | 60          |
| 0327 A/B   | Biology                                     | 10      | 9     |                        |                     | •        | 61          |
| 0328   | Physical Science: Chemistry                 | 5       | 10-11 | C                      | 0327                | •        | 61          |
| 0329   | Physical Science: Physics                   | 5       | 10-11 | P                      | 0327 †              | •        | 61          |
| 0334 A/B   | Chemistry                                   | 10      | 10-12 | C                      | 0211                | •        | 61          |
| 0352 A/B   | Physics                                     | 10      | 10-12 | P                      |                     | •        | 61          |
| 0383 A/B   | AP Physics 1: Algebra-Based                 | 10      | 10-12 | P                      | 0231 or 0233†, 0327 |          | 63          |
| 0456 A/B   | AP Human Geography                          | 10      |       |                        |                     | •        | 67          |
| 0408   | World Geography                             | 5       | 9     |                        |                     | •        | 65          |
| 0500   | Personal Finance                            | 5       |       | FL                     |                     |          | 22          |
| 0662   | Introduction to Engineering Design I        | 5       |       |                        |                     |          | 33          |
| 0663   | Introduction to Engineering Design II       | 5       |       |                        | 0662                |          | 33          |
| 0705   | Art Foundations                             | 5       |       | F                      |                     |          | 17          |
| 0706 A/B   | Introduction to IB Visual Arts              | 10      | 10-11 | F                      | 0705                |          | 17          |
| 0720   | Drawing                                     | 5       |       | F                      | 0705                |          | 17          |
| 0722   | Painting                                    | 5       |       | F                      | 0705                |          | 17          |
| 0704   | Color and Design                            | 5       |       | F                      |                     |          | 16          |
| 0732   | Marching Band                               | 5       |       | F                      |                     |          | 51          |
| 0733   | Concert Band                                | 5       |       | F                      |                     |          | 51          |
| 0734   | Symphonic Band                              | 5       |       | F                      |                     |          | 52          |
| 0735   | Wind Ensemble                               | 5       |       | F                      |                     |          | 52          |
| 0736 A/B   | Philharmonic Orchestra                      | 10      |       | F                      |                     |          | 52          |
| 0737 A/B   | Symphony Orchestra                          | 10      |       | F                      |                     |          | 52          |
| 0756 A/B   | Voce  | 10      |       | F                      |                     |          | 52          |
| 0757 A/B   | Cantori                                     | 10      |       | F                      |                     |          | 52          |
| 0758 A/B   | Singers                                     | 10      |       | F                      |                     |          | 52          |
| 0746 A/B   | Contemporary Ensemble                       | 10      |       | F                      |                     |          | 53          |
| 0747   | Music Connections                           | 5       |       | F                      |                     |          | 53          |
| 0800   | Sport Skills and Fitness                    | 5       |       |                        |                     |          | 55          |
| 0801   | Cross Training I                            | 5       |       |                        | †                   |          | 56          |
| 0808   | Introduction to Aquatics                    | 5       |       |                        | †                   |          | 57          |
| 0810   | Aquatics                                    | 5       |       |                        |                     |          | 58          |

C = Fulfills Chemistry Graduation Requirement

F = Fulfills Fine and Performing Arts Graduation Requirement

FL = Fulfills Financial Literacy Graduation Requirement

P = Fulfills Physics Graduation Requirement

† = See course descriptions for additional requirements.

| Course  | Course Name  | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Page Number |
|---|--|---------|-------|------------------------|---------------|----------|-------------|
| <b>INTERNATIONAL BACCALAUREATE® DIPLOMA PROGRAMME</b> |  |         |       |                        |               |          |             |
| 0016 A/B  | IB English HL I                                    | 10      | 11    |                        | 0003, 0004    | •        | 39          |
| 0017 A/B  | IB English HL II                                   | 10      | 12    |                        | 0016 †        | •        | 39          |
| 0120 A/B  | IB German B SL                                     | 10      | 12    |                        | 0118          |          | 77          |
| 0140 A/B  | IB French B SL                                     | 10      | 12    |                        | 0138          |          | 75          |
| 0160 A/B  | IB Spanish B SL                                    | 10      | 12    |                        | 0158          |          | 78          |
| 0161 A/B  | IB Latin SL  | 10      | 12    |                        | 0164          |          | 79          |
| 0171 A/B  | IB Spanish A2 HL A                                 | 10      | 12    |                        | 0158          |          | 78          |
| 0554 A/B  | IB Business Management SL/HL I                     | 10      | 11    |                        |               |          | 21          |
| 0555 A/B  | IB Business Management SL/HL II                    | 10      | 12    |                        | 0554          |          | 22          |
| 0266 A/B  | IB Computer Science HL I                           | 10      | 11    |                        | 0563          |          | 23          |
| 0267 A/B  | IB Computer Science HL II                          | 10      | 12    |                        | 0266          |          | 24          |
| 0245 A/B  | IB Mathematics HL I                                | 10      | 11    |                        | 0239          | •        | 48          |
| 0246 A/B  | IB Mathematics HL II                               | 10      | 12    |                        | 0245          | •        | 48          |
| 0247 A/B  | IB Mathematical Studies SL                         | 10      | 11-12 |                        | 0231 or 0233  | •        | 48          |
| 0248 A/B  | IB Mathematics SL                                  | 10      | 11-12 |                        | 0239          | •        | 48          |
| 0268 A/B  | IB Mathematics Analysis & Approaches HL I          | 10      | 11    |                        | 0233          |          | 48          |
| 0269 A/B  | IB Mathematics Analysis & Approaches HL II         | 10      | 12    |                        | 0268          |          | 48          |
| 0270 A/B  | IB Mathematics Applications & Interpretation HL I  | 10      | 11    |                        | 0233          |          | 48          |
| 0271 A/B  | IB Mathematics Applications & Interpretation HL II | 10      | 12    |                        | 0270          |          | 49          |
| 0272 A/B  | IB Mathematics Applications & Interpretation SL    | 10      | 11    |                        | 0231          |          | 49          |
| 0371 A/B  | IB Chemistry HL I                                  | 10      | 11    |                        | 0321          | •        | 62          |
| 0372 A/B  | IB Chemistry HL II                                 | 10      | 12    |                        | 0371          | •        | 62          |
| 0375 A/B  | IB Biology SL                                      | 10      | 11-12 |                        |               | •        | 62          |
| 0376 A/B  | IB Biology HL I                                    | 10      | 11    |                        | 0334          | •        | 62          |
| 0378 A/B  | IB Biology HL II                                   | 10      | 12    |                        | 0376          | •        | 63          |
| 0380 A/B  | IB Physics SL                                      | 10      | 11-12 |                        | 0321 †        | •        | 63          |
| 0381 A/B  | IB Physics HL I                                    | 10      | 11    |                        | 0321 †        | •        | 63          |
| 0382 A/B  | IB Physics HL II                                   | 10      | 12    |                        | 0381          | •        | 63          |
| 0458 A/B  | IB Early Modern World History SL/HL I              | 10      | 11-12 |                        |               | •        | 66          |
| 0433 A/B  | IB Psychology SL                                   | 10      | 11-12 |                        |               | •        | 67          |
| 0455 A/B  | IB History of the Americas HL II                   | 10      | 12    |                        | 0418          | •        | 67          |
| 0727 A/B  | IB Visual Arts SL                                  | 10      | 11-12 |                        | 0706          |          | 18          |
| 0728 A/B  | IB Visual Arts HL I                                | 10      | 11    | F                      | 0706          |          | 18          |
| 0729 A/B  | IB Visual Arts HL II                               | 10      | 12    |                        | 0728          |          | 18          |
| 0767 A/B  | IB Music SL Band                                   | 10      | 11-12 | F                      |               |          | 53          |
| 0769 A/B  | IB Music SL Orchestra                              | 10      | 11-12 | F                      |               |          | 53          |
| 0850  | IB Theory of Knowledge I                           | 5       | 11    | HR                     |               |          | 117         |
| 0851  | IB Theory of Knowledge II                          | 5       | 12    | HR                     | 0850          |          | 117         |
| 0073 A/B  | IB Film SL   | 10      | 11-12 |                        |               |          | 43          |
| 0074 A/B  | IB Film HL I                                       | 10      | 11    |                        |               |          | 43          |
| 0075 A/B  | IB Film HL II                                      | 10      | 12    |                        | 0074          |          | 43          |

F= Fulfills Fine and Performing Arts Graduation Requirement

HR = Fulfills Human Resources Graduation Requirement

† = See course descriptions for additional requirements.

| Course   | Course Name                                | Credits | Grade | Graduation Requirement | Prerequisites | Dual Enrollment Credit | ACT Core | Horizon High School   | North High School | South High School | West High School |
|--|--|---------|-------|------------------------|---------------|------------------------|----------|---|-------------------|-------------------|------------------|
| <b>ACADEMIES AT METROPOLITAN COMMUNITY COLLEGE</b> |  |         |       |                        |               |                        |          |   |                   |                   |                  |
| 0837 A/B/C/D                                       | Auto Collision Technology - Year 1         | 10      | 11-12 |                        |               | M                      |          | These academies are located at a Metropolitan Community College campus.<br><br>Application is open to all Millard students. |                   |                   |                  |
| 0837 A/B/C/D                                       | Auto Collision Technology - Year 2         | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0838 A/B/C/D                                       | Automotive Technology - Year 1             | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0838 A/B/C/D                                       | Automotive Technology - Year 2             | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0842 A/B/C/D                                       | Criminal Justice                           | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0845 A/B/C/D                                       | Diesel Technology - Year 1                 | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0845 A/B/C/D                                       | Diesel Technology - Year 2                 | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0843 A/B/C/D                                       | Electrical Technology - Year 1             | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0843 A/B/C/D                                       | Electrical Technology - Year 2             | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0854 A/B/C/D                                       | Digital Cinema/Filmmaking                  | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0858 A/B/C/D                                       | Emergency Medical Technician               | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0868 A/B/C/D                                       | Fire Science Technology - Year 1           | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0869 A/B/C/D                                       | Fire Science Technology - Year 2           | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0870 A/B/C/D                                       | Pre-Apprenticeship Plumbing                | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0835 A/B/C/D                                       | Theatre Technology Apprenticeship - Year 1 | 20      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0835 A/B/C/D                                       | Theatre Technology Apprenticeship - Year 2 | 20      | 12    |                        |               | M                      |          |   |                   |                   |                  |
| 0871 A/B/C/D                                       | Utility Line Technician                    | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0852 A/B/C/D                                       | Welding I - Year 1                         | 10      | 11-12 |                        |               | M                      |          |   |                   |                   |                  |
| 0853 A/B/C/D                                       | Welding Technology - Year 2                | 10      | 12    |                        |               | M                      |          |   |                   |                   |                  |

M=Metropolitan Community College

| Course                     | Course Name                    | Credits | Grade | Graduation Requirement | Prerequisites | ACT Core | Horizon High School | North High School | South High School | West High School |
|----------------------------|--------------------------------|---------|-------|------------------------|---------------|----------|---------------------|-------------------|-------------------|------------------|
| <b>OTHER OPPORTUNITIES</b> |                                |         |       |                        |               |          |                     |                   |                   |                  |
| PD80                       | Academic Seminar               | 5       | 9-12  |                        |               |          | •                   | •                 | •                 | •                |
| PD85                       | Academic Seminar Leadership    | 5       | 10-12 |                        |               |          | •                   | •                 | •                 | •                |
| ---                        | ELO Reteaching Courses         | 5       |       |                        |               |          | •                   | •                 | •                 | •                |
| ---                        | Independent Study Courses      | 5 or 10 |       |                        |               |          | •                   | •                 | •                 | •                |
| ---                        | ACT <sup>®</sup> Prep Workshop | 0       | 9-12  |                        |               |          | •                   | •                 | •                 | •                |
| 0208                       | Modular Mathematics            | 10      |       |                        | †             |          | •                   | •                 | •                 | •                |
| UNMC1-15                   | UNMC High School Alliance      | 40      | 11-12 |                        |               |          | •                   | •                 | •                 | •                |
| ZA                         | Zoo Academy                    | 45      | 11-12 |                        |               |          | •                   | •                 | •                 | •                |



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**AGENDA SUMMARY SHEET**

**Agenda Item:** Approval of Legislative Standing Positions

**Meeting Date:** November 19, 2018

**Background/  
Description:** Each year the Board adopts Legislative Positions which guide the lobbying efforts on bills and amendments to bills.

**Action Desired:** Approval

**Policy /  
Strategic Plan  
Reference:**

**Responsible Person(s):** Nolan Beyer

**Superintendent's Signature:**

A handwritten signature in cursive script, appearing to read "Jim DeWolf", is written on a light-colored rectangular background.

## Millard Public Schools 2019 Standing Positions

1. The Millard Public Schools supports that school boards should set compensation for all district personnel (2018).
2. State and local taxpayers share the responsibility for the Pre-K through 12th grade educational program. The funding should reflect an adequate and equitable distribution of state revenue based on the unique needs of each district (2001, 2018).
3. The Millard Public Schools supports continuous improvement of safety and security for all aspects of the educational program (2017).
4. The Millard Public Schools supports legislation that holds all school Districts accountable for their results (2016).
5. The Millard Public Schools supports legislation that creates an incentive for districts to adopt programs which increase educational rigor and relevancy, including, but not limited to, programs of excellence (e.g. AP, IB, etc.), dual-enrollment courses, and career academies (2016).
6. The Millard Public Schools opposes legislation that establishes tuition tax credits, vouchers, and private charter schools. Rationale: The District has opposed all attempts to channel public money to private schools and circumvent the control of the local Board of Education (2015).
7. The Millard Public Schools supports legislation that would repeal the Learning Community Law. Rationale: The Learning Community is not necessary and is not benefiting students in the Metropolitan area or accomplishing the goals that were listed when it was established in 2008 (2012).
8. The Millard Public Schools supports the independence of established Class III school districts (2009).
9. The authority to levy for the general fund should remain with locally elected school boards. Rationale: Locally elected boards are in the best position to make decisions on levies and taxes (2009).
10. Locally elected school boards should have the ultimate authority to approve diversity and poverty plans. Rationale: Locally elected boards are more responsive to local needs (2009).
11. State aid decisions should not be reconsidered after the February 1<sup>st</sup> certification date. Rationale: School districts need time in order to make proper plans for funding school systems. The rules for state aid should not change after districts have established their budgets and levies (2009).
12. State funding should be sufficient to keep teacher's salaries regionally competitive (2003).
13. School districts should be encouraged to support ongoing maintenance of school buildings; therefore spending and levy restrictions should be removed from the building fund (2001).
14. Federal and state governments should never impose unfunded mandates (2001).
15. Local boards of education are accountable to their community for making decisions regarding the educational program and are in the best position to make decisions on curriculum, management and funding (2001).

**AGENDA SUMMARY SHEET**

**Agenda Item:** Human Resources

**Meeting Date:** November 19, 2018

**Background/  
Description:** Personnel Items: (1) Resignation Notification Incentive; (2) Voluntary Separation Program; (3) Contract Addendum

**Action Desired:** Approval

**Policy /  
Strategic Plan  
Reference:** N/A

**Responsible Person(s):** Kevin Chick

**Superintendent's Signature:**



**November 19, 2018**

**Resignation Notification Incentive**

**Recommend:** The following resignations be approved to participate in the District's Resignation Notification Incentive Program:

1. Elisabeth C. Shaw – Grade 2 teacher at Disney Elementary School. Resigning at the end of the 2018-2019 school year because of family relocation.
2. Sharon K. Johansen – Speech Pathologist at Abbott Elementary School. Retiring at the end of the 2018-2019 school year.
3. Cherie N. Oraivej – French teacher at Central Middle School. Resigning at the end of the 2018-2019 school year because of family relocation.
4. Cheryl A. Curtis – Information Specialist at Millard North Middle School. Retiring at the end of the 2018-2019 school year.
5. Christine J. Olson – Part-time Resource teacher at Harvey Oaks Elementary School. Retiring at the end of the 2018-2019 school year.
6. Angela R. Craft – Administrator at Keith Lutz Horizon High School. Retiring at the end of the 2018-2019 school year.
7. Michelle R. Hall – Band teacher for Millard Public Schools. Retiring at the end of the 2018-2019 school year.
8. Delora K. Sorenson – Kindergarten teacher at Reagan Elementary School. Retiring at the end of the 2018-2019 school year.

November 19, 2018

### **Voluntary Separation Program (VSP)**

**Recommend:** The following qualified candidates be approved to participate in the District's Voluntary Separation Program.

1. Sharon K. Johansen – Speech Pathologist at Abbott Elementary School  
~ 21.8 years of service
2. Christine J. Olson – Part-time Resource teacher at Harvey Oaks Elementary School  
~ 25 years of service
3. Angela R. Craft – Principal at Keith Lutz Horizon High School  
~ 28.7 years of service
4. Delora K. Sorenson – Kindergarten teacher at Reagan Elementary School  
~ 21 years of service

**November 19, 2018**

**AMENDMENT TO CONTINUING CONTRACTS**

**Recommend: Amendment to the following contract:**

1. Jenna M. Rickert – Resource teacher at Ackerman Elementary School. Amend contract from (1.0) FTE to (.5) FTE for the remainder of the 2018-2019 school year.

## AGENDA SUMMARY SHEET

**Agenda Item:** United Way Campaign Summary - 2018

**Meeting Date:** November 19, 2018

**Background/**

**Description:** Millard Public Schools United Way Campaign

Each year the District supports two charitable fund drives as stated in Community Policy 1425 - Cooperation with Non-Profit Agencies. The two campaigns are the United Way of the Midlands and the Millard Public Schools Foundation Campaign.

Our overall total for giving to the United Way this year was up 10% from last year.

Staff contributions were down .01%.

Student contributions were up 22%.

Linked is a [summary](#) of MPS giving to the United Way since 1988.

| <b>Traveling Trophy Winners</b>                | <b>2017</b>               | <b>2018</b>               |
|--|---------------------------|---------------------------|
| Greatest Staff Participation (Elementary)      | Abbott Elementary         | Abbott Elementary         |
| Greatest Staff Participation (Middle School)   | Andersen Middle School    | Andersen Middle School    |
| Greatest Staff Participation (High School)     | Millard South High School | Millard West High School  |
|  |                           |                           |
| Greatest Student Participation (Elementary)    | Black Elk Elementary      | Black Elk Elementary      |
| Greatest Student Participation (Middle School) | Beadle Middle School      | Kiewit Middle School      |
| Greatest Student Participation (High School)   | Millard North High School | Millard North High School |

**Action Desired:** Information Only

**Policy /** Policy 1425

**Strategic Plan**

**Reference:**

**Responsible Person(s):** Dr. Kim Saum-Mills

**Superintendent's Signature:**



**AGENDA SUMMARY SHEET**

**Agenda Item:** 2018 MPS Foundation Staff Campaign Report

**Meeting Date:** November 19, 2018

**Background/**

**Description:** Each year per Board Policy 1425, Community Relations - Cooperation with Non-Profit Agencies, the school district participates in the annual Millard Public Schools Foundation Staff Campaign. This year the campaign raised \$75,547 to benefit Millard Public Schools.

**Action Desired:** Informational

**Policy /**

**Strategic Plan**

**Reference:** Board Policy 1425 Community Relations - Cooperation with Non-Profit Agencies

**Responsible Person(s):** Rebecca Kleeman

**Superintendent's Signature:**

A handwritten signature in black ink, appearing to read "Jim Dauterive", is written on a light gray rectangular background.

## AGENDA SUMMARY SHEET

**Agenda Item:** Personnel Report 2018-2019

**Meeting Date:** November 19, 2018

**Background/  
Description:**

Human Resource Personnel Report 2018-2019  
The annual Personnel Report contains information regarding the District's staffing levels, classroom enrollment averages, teacher preparation, experience, and student teacher placements. Report highlights include:

**Action Desired:** Information Only

- We attended 16 university teacher recruiting events in Nebraska, Iowa, Kansas, and South Dakota.
- MPS hosted 77 student teachers from 17 universities.
- Information on the Health Plan Fund is included in this report showing an average enrollment of 2,276 members. The District has nearly 74% of employees enrolled in High Deductible Health Plan Offerings and the CHI only HDHP network has assisted in providing cost savings to the District of over \$200,000 in the last year.
- Teacher professional days usage was an average of 2.7 days
- Certificated staff members have worked for Millard for an average of 11.9 years and an average of 15.2 total years in education.
- A historical look at personnel distribution and ratios between staff positions is provided along with graphs to illustrate trends since 1982-1983.
- Across all job classes, we show a decrease of 29.5 FTE's from 5 years ago.
- Additionally, we show a reduction of 4.1 FTE's for certificated teachers and 4.3 FTE's reduction of custodians while growing 31 students from the previous school year.
- 1,288 MPS employees have a Master's degree and 45 have doctorates.
- The information provided is a "snapshot" of information that can change from day-to-day and year-to-year. As a result, staff changes reflect the difference in the "snapshot" from October 2017 to October 2018.

**Recommendations:** Report Only

**Responsible**

**Persons:** Dr. Kevin Chick, Mr. Mitch Mollring, Mr. Jake Curtiss,  
Ms. Jeanine Beaudin

Superintendent's Signature: \_\_\_\_\_





## Personnel Report

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2018-2019

## TABLE OF CONTENTS

|             |   |           |
|-------------|---|-----------|
| <b>I.</b>   | <b>Recruiting Report</b>                            |           |
|             | <b>Recruiting Events</b>                            | <b>2</b>  |
|             | <b>Student Teacher Placements 2017-18</b>           | <b>3</b>  |
|             | <b>Student Teachers by University</b>               | <b>5</b>  |
| <br>        |   |           |
| <b>II.</b>  | <b>Health/Benefits Report</b>                       |           |
|             | <b>Health Insurance Rates</b>                       | <b>7</b>  |
|             | <b>Silverstone Health Insurance Report</b>          | <b>11</b> |
|             | <b>Ancillary Benefits Rates</b>                     | <b>14</b> |
|             | <b>Staff Absences</b>                               | <b>15</b> |
| <br>        |   |           |
| <b>III.</b> | <b>Current Staffing Levels</b>                      |           |
|             | <b>Personnel Distribution Overview</b>              | <b>17</b> |
|             | <b>Administrative Staffing</b>                      | <b>18</b> |
|             | <b>Teacher Staffing</b>                             | <b>19</b> |
|             | <b>Pro-Tech Salaried</b>                            | <b>21</b> |
|             | <b>Pro-Tech Hourly</b>                              | <b>22</b> |
|             | <b>Para Staffing</b>                                | <b>24</b> |
|             | <b>Custodial/Maintenance Staffing</b>               | <b>25</b> |
|             | <b>Food Service Staffing</b>                        | <b>26</b> |
|             | <b>Substitute Staffing</b>                          | <b>27</b> |
|             | <b>Elementary Classroom Size Average</b>            | <b>28</b> |
|             | <b>Secondary Classroom Size Average</b>             | <b>29</b> |
| <br>        |   |           |
| <b>IV.</b>  | <b>Current Staff Demographics</b>                   |           |
|             | <b>Certificated Staff Work Experience by School</b> | <b>31</b> |
|             | <b>Certificated Highest Degree by Building</b>      | <b>32</b> |
|             | <b>Staff Turnover</b>                               | <b>33</b> |
| <br>        |   |           |
| <b>V.</b>   | <b>Staff Distribution History</b>                   |           |
|             | <b>Personnel Distribution History</b>               | <b>35</b> |
|             | <b>Certified 5-Year Retention Report</b>            | <b>40</b> |

# Recruiting Report



## Millard Public Schools Recruiting Report

**2017-18**

Our Human Resources staff attended numerous recruiting events throughout the year. Many of our teaching positions were filled by candidates we met at these events.

|                |  |
|----------------|--|
| September 2017 | Millard Public Schools Student Teacher Interview Day |
| October 2017   | Northwest Missouri State Education Expo              |
| October 2017   | UNL Fall Interview Day for Educators                 |
| October 2017   | Nebraska Wesleyan Education Interview Day            |
| November 2017  | University of Kansas Teacher Recruiting Fair         |
| December 2017  | Wayne State College Education Interview Day          |
| January 2018   | Midland University Education Interview Fair          |
| January 2018   | College of St. Mary Mock Interviews                  |
| February 2018  | Millard Public Schools Student Teacher Interview Day |
| February 2018  | Doane University Interview Day                       |
| February 2018  | UNO Education Fair                                   |
| March 2018     | Nebraska Wesleyan Education Interview Day            |
| March 2018     | UNK Employment Fair                                  |
| March 2018     | UNL Interview Day for Educators                      |
| April 2018     | South Dakota Education Expo                          |
| April 2018     | Wayne State College Education Interview Day          |

## Student Teacher Placements 2017-18

### MIDDLE SCHOOL

| <u>Teaching Area</u> | <u>AMS</u> | <u>CMS</u> | <u>KMS</u> | <u>NMS</u> | <u>RMS</u> | <u>BMS</u> | <u>TOTAL</u> |
|----------------------|------------|------------|------------|------------|------------|------------|--------------|
| Grade 6              |            |            |            |            |            |            | 0            |
| Art                  |            |            |            |            |            |            | 0            |
| Business             |            |            |            |            |            |            | 0            |
| Counseling           |            |            |            |            |            |            | 0            |
| Language Arts        |            |            |            | 2          |            |            | 2            |
| World Language       |            |            |            |            |            |            | 0            |
| ELL                  |            |            |            |            |            |            | 0            |
| Health               |            |            |            |            |            |            | 0            |
| Family Con Science   |            |            |            |            |            |            | 0            |
| Industrial Arts      |            |            |            |            |            |            | 0            |
| Math                 | 1          |            |            | 1          |            |            | 2            |
| Media                |            |            |            |            |            |            | 0            |
| Music                |            |            |            | 1          |            |            | 1            |
| Nurse                |            |            |            |            |            |            | 0            |
| Physical Education   |            |            |            | 1          |            |            | 1            |
| Science              | 1          |            |            |            |            |            | 1            |
| Social Studies       | 1          |            |            |            | 2          |            | 3            |
| SPED                 |            |            |            | 3          |            |            | 3            |
| <b>TOTAL</b>         | <b>3</b>   | <b>0</b>   | <b>0</b>   | <b>8</b>   | <b>2</b>   | <b>0</b>   | <b>13</b>    |

### HIGH SCHOOL

| <u>Teaching Area</u> | <u>SOUTH</u> | <u>NORTH</u> | <u>WEST</u> | <u>HORIZON</u> | <u>TOTAL</u> |
|----------------------|--------------|--------------|-------------|----------------|--------------|
| Art                  |              | 2            |             |                | 2            |
| Business             |              |              | 2           |                | 2            |
| Counseling           |              |              |             |                | 0            |
| Language Arts        | 4            | 2            | 1           |                | 7            |
| ELL                  |              |              |             |                | 0            |
| World Language       |              | 2            | 1           |                | 3            |
| Health               | 1            |              |             |                | 1            |
| Family Con Science   |              | 1            |             |                | 1            |
| Industrial Tech      |              |              |             |                | 0            |
| Math                 |              |              | 2           |                | 2            |
| Media                |              |              |             |                | 0            |
| Music                | 1            | 1            |             |                | 2            |
| Nurse                |              |              |             |                | 0            |
| Physical Education   | 2            | 1            | 1           |                | 4            |
| Science              | 1            | 2            | 1           |                | 4            |
| Social Studies       | 1            |              |             |                | 1            |
| SPED                 |              |              |             |                | 0            |
| <b>TOTAL</b>         | <b>10</b>    | <b>11</b>    | <b>8</b>    | <b>0</b>       | <b>29</b>    |

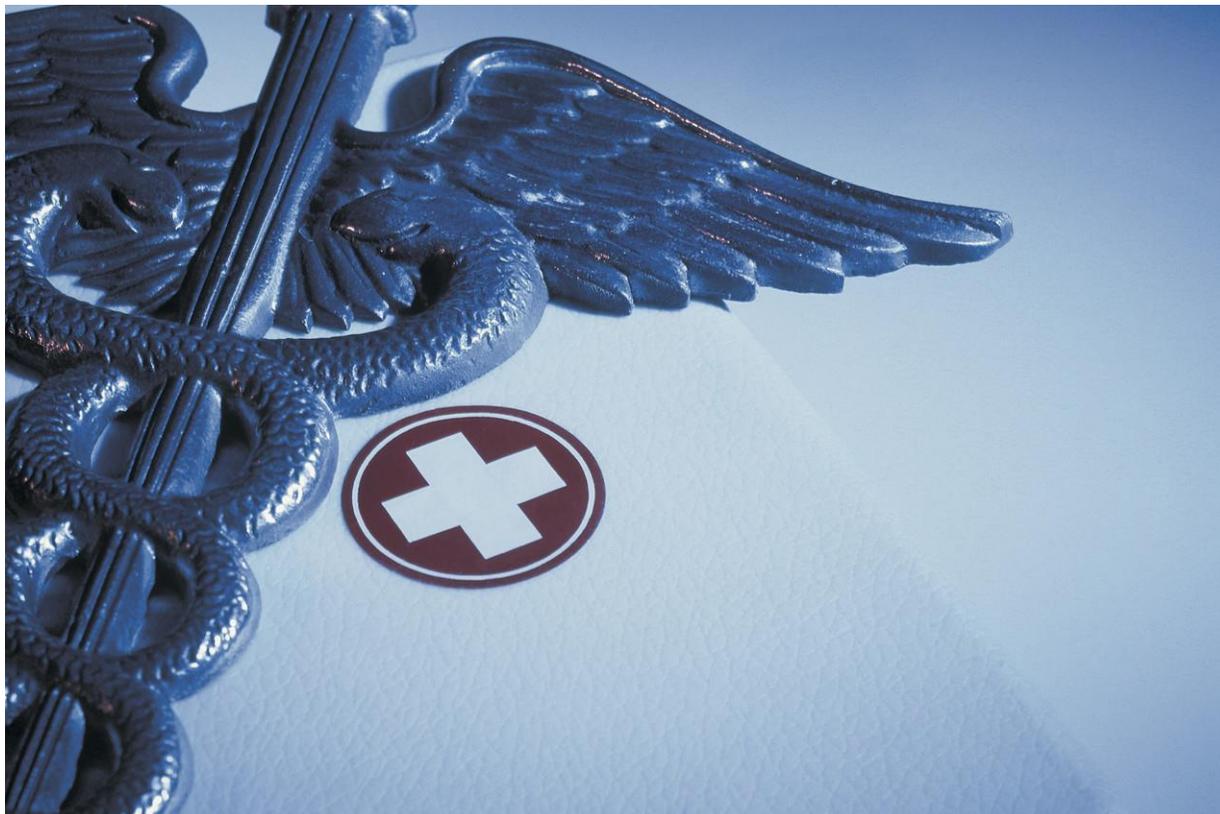
**Student Teacher Placements 2017-18 (continued)**

| <b><u>ELEMENTARY</u></b> | <b><u>Pre-K</u></b> | <b><u>K</u></b> | <b><u>1-3</u></b> | <b><u>4.5</u></b> | <b><u>Spec.</u></b> | <b><u>Total</u></b> |
|--------------------------|---------------------|-----------------|-------------------|-------------------|---------------------|---------------------|
| Abbott                   |                     |                 | 2                 |                   | 1                   | 3                   |
| Aldrich                  |                     |                 |                   | 1                 | 1                   | 2                   |
| Ackerman                 |                     |                 |                   |                   |                     | 0                   |
| Black Elk                |                     |                 |                   | 1                 |                     | 1                   |
| Bryan                    |                     |                 |                   | 1                 |                     | 1                   |
| Cather                   |                     |                 |                   |                   | 1                   | 1                   |
| Cody                     | 1                   | 1               |                   |                   |                     | 2                   |
| Cottonwood               |                     |                 | 1                 |                   |                     | 1                   |
| Disney                   |                     |                 |                   |                   | 1                   | 1                   |
| Harvey Oaks              |                     |                 | 2                 |                   | 1                   | 3                   |
| Hitchcock                |                     |                 | 2                 | 1                 |                     | 3                   |
| Holling Heights          |                     |                 |                   |                   |                     | 0                   |
| Ezra Millard             |                     | 2               |                   |                   | 1                   | 3                   |
| Montclair                |                     | 1               |                   | 1                 |                     | 2                   |
| Morton                   |                     |                 |                   |                   |                     | 0                   |
| Neihardt                 |                     | 1               | 1                 | 1                 | 4                   | 7                   |
| Norris                   |                     |                 | 1                 |                   | 2                   | 3                   |
| Reagan                   |                     | 1               | 2                 |                   | 1                   | 4                   |
| Reeder                   |                     |                 | 4                 |                   |                     | 4                   |
| Rockwell                 |                     | 1               |                   |                   |                     | 1                   |
| Rohwer                   |                     | 1               | 1                 |                   | 1                   | 3                   |
| Sandoz                   | 1                   |                 | 1                 |                   |                     | 2                   |
| Upchurch                 |                     |                 |                   |                   | 1                   | 1                   |
| Wheeler                  |                     |                 |                   |                   |                     | 0                   |
| Willowdale               |                     |                 | 2                 |                   | 2                   | 4                   |
| <b>TOTAL</b>             | <b>2</b>            | <b>8</b>        | <b>19</b>         | <b>6</b>          | <b>17</b>           | <b>52</b>           |

**Student Teacher Placements 2017-18 (continued)**

| <b>College/University</b>           | <b># of Student Teachers</b> |
|-------------------------------------|------------------------------|
| University of NE – Omaha            | 33                           |
| College of St. Mary                 | 13                           |
| University of NE - Lincoln          | 9                            |
| Northwest Missouri State University | 3                            |
| Midland University                  | 3                            |
| Creighton University                | 3                            |
| Grace University                    | 2                            |
| Grand Canyon State                  | 2                            |
| Doane University                    | 1                            |
| University of NE - Kearney          | 1                            |
| Peru State College                  | 1                            |
| Nebraska Wesleyan                   | 1                            |
| Luther College                      | 1                            |
| Midwestern University               | 1                            |
| Buena Vista                         | 1                            |
| Utah State                          | 1                            |
| University of Phoenix               | 1                            |
| <hr/>                               |                              |
| <b>TOTAL STUDENT TEACHERS</b>       | <b>77</b>                    |

# Health/Benefits Report



## Health Insurance Rates – Traditional Plan

| <b>Benefit</b>                                       | <b>2010-11</b>    | <b>2011-12</b>    | <b>2012-13</b>    | <b>2013-14</b>    | <b>2014-15</b>    | <b>2015-16</b>    | <b>2016-17</b>    | <b>2017-18</b>    | <b>2018-19</b>     |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| <b>Millard Deductibles</b>                           | \$350/ \$700      | \$500/<br>\$1,000 | \$600/<br>\$1,200 | \$600/<br>\$1,200 | \$750/<br>\$1,500 | \$750/<br>\$1,500 | \$900/<br>\$1,800 | \$900/<br>\$1,800 | \$900/<br>\$1,800  |
| <b>EHA - Closest Equivalent EHA Plan Deductibles</b> | \$350/ \$700      | \$600/<br>\$1,200 | \$600/<br>\$1,200 | \$750/<br>\$1,500 | \$750/<br>\$1,500 | \$750/<br>\$1,500 | \$900/<br>\$1,800 | \$900/<br>\$1,800 | \$900/<br>\$1,800  |
| <b>Millard - Single Premium</b>                      | \$379.40          | \$394.58          | \$405.00          | \$445.00          | \$499.34          | \$506.46*         | \$525.33*         | \$562.69*         | \$587.73*          |
| <b>EHA - Single Premium</b>                          | \$496.16          | \$431.25          | \$484.52          | \$514.80          | \$500.31          | \$509.82          | \$534.80          | \$577.53          | \$577.53           |
| <b>Millard Employee + Spouse Premium</b>             | \$1,039.00        | \$1,080.56        | \$1,110.00        | \$1,220.00        | \$1,048.15        | \$1,062.90*       | \$1,102.67*       | \$1,181.55*       | \$1,234.22*        |
| <b>EHA Employee + Spouse Premium</b>                 | \$1,041.96        | \$905.63          | \$1,017.50        | \$1,081.09        | \$1,050.66        | \$1,070.62        | \$1,123.08        | \$1,212.82        | \$1,212.82         |
| <b>Millard - Employee + Children Premium</b>         | \$1,039.00        | \$1,080.56        | \$1,110.00        | \$1,220.00        | \$923.87          | \$936.62*         | \$971.67*         | \$1,040.97*       | \$1,087.32*        |
| <b>EHA - Employee + Children Premium</b>             | \$917.92          | \$797.83          | \$896.38          | \$952.40          | \$925.59          | \$943.18          | \$989.40          | \$1,068.45        | \$1,068.45         |
| <b>Millard Family Premium</b>                        | \$1,039.00        | \$1,080.56        | \$1,110.00        | \$1,220.00        | \$1,408.15        | \$1,427.38*       | \$1,480.33*       | \$1,586.34*       | \$1,657.23*        |
| <b>EHA Family Premium</b>                            | \$1,399.08        | \$1,216.03        | \$1,366.24        | \$1,451.63        | \$1,410.77        | \$1,437.58        | \$1,508.02        | \$1,628.51        | \$1,628.51         |
| <b>Millard Family Premium *</b>                      | \$1,039.00        | \$1,080.56        | \$1,110.00        | \$1,220.00        | n/a               | n/a               | n/a               | n/a               | n/a                |
| <b>EHA Equivalent Family Premium *</b>               | \$1,288.32        | \$1,119.76        | \$1,258.08        | \$1,336.70        | n/a               | n/a               | n/a               | n/a               | n/a                |
| <b>Estimated Percentage Savings</b>                  | 20%               | 4%                | 13%               | 10%               | 0%                | 1%                | 2%                | 3%                | - 2%               |
| <b>Estimated \$ Savings</b>                          | <b>\$6.1 Mil.</b> | <b>\$1.1 Mil.</b> | <b>\$3.7 Mil.</b> | <b>\$3.0 Mil.</b> | <b>\$0.0 Mil.</b> | <b>\$0.1 Mil.</b> | <b>\$0.2 Mil.</b> | <b>0.3 Mil.</b>   | <b>- 0.1 Mil.+</b> |

+ The 2018-19 Estimated Savings for the District are reflected as a negative amount as a result of the EHA health plan offering a 0% premium increase for the September 1, 2018 renewal period. The MPS rate included an increase of 11% effective January 1, 2018. The September 1, 2019 EHA renewal includes a 5.2% increase. Over the January 1, 2019 – December 31, 2019 MPS Plan Year, the increase from blended EHA rate will allow the MPS Health Plan to recognize savings over the MPS plan year compared to the EHA rates.

## Health Insurance Rates – Standard High Deductible Health Plan

| Benefit  | 2014-15           | 2015-16           | 2016-17           | 2017-18         | 2018-19                          |
|--|-------------------|-------------------|-------------------|-----------------|----------------------------------|
| <b>Millard Deductibles</b>                           | \$3,100/\$6,200   | \$3,100/\$6,200   | \$3,500/\$7,000   | \$3,500/\$7,000 | \$3,500/\$7,000                  |
| <b>EHA - Closest Equivalent EHA Plan Deductibles</b> | \$3,100/\$6,200   | \$3,100/\$6,200   | \$3,500/\$7,000   | \$3,500/\$7,000 | \$3,500/\$7,000                  |
| <b>Millard - Single Premium</b>                      | \$374.54          | \$380.18*         | \$401.00*         | \$461.51*       | \$492.87*                        |
| <b>EHA - Single Premium</b>                          | \$422.12          | \$430.14          | \$451.22          | \$487.27        | \$487.27                         |
| <b>Millard Employee + Spouse Premium</b>             | \$786.53          | \$797.51*         | \$841.00*         | \$968.86*       | \$1,035.04*                      |
| <b>EHA Employee + Spouse Premium</b>                 | \$886.47          | \$903.32          | \$947.58          | \$1,023.29      | \$1,023.29                       |
| <b>Millard - Employee + Children Premium</b>         | \$692.90          | \$702.30*         | \$740.33*         | \$852.89*       | \$911.17*                        |
| <b>EHA - Employee + Children Premium</b>             | \$780.95          | \$795.79          | \$834.78          | \$901.48        | \$901.48                         |
| <b>Millard Family Premium</b>                        | \$1,056.11        | \$1,070.70*       | \$1,128.67*       | \$1,300.17*     | \$1,389.09*                      |
| <b>EHA Family Premium</b>                            | \$1,190.29        | \$1,212.92        | \$1,272.35        | \$1,374.01      | \$1,374.01                       |
| <b>Estimated Percentage Savings</b>                  | 11%               | 13%               | 11%               | 6%              | - 1%                             |
| <b>Estimated \$ Savings</b>                          | <b>\$1.3 Mil.</b> | <b>\$1.4 Mil.</b> | <b>\$1.1 Mil.</b> | <b>1.0 Mil.</b> | <b>- 0.2 Million<sup>+</sup></b> |

<sup>+</sup> The 2018-19 Estimated Savings for the District are reflected as a negative amount as a result of the EHA health plan offering a 0% premium increase for the September 1, 2018 renewal period. The MPS rate included an increase of 19% effective January 1, 2018. The September 1, 2019 EHA renewal includes a 5.2% increase. Over the January 1, 2019 – December 31, 2019 MPS Plan Year, the increase from blended EHA rate will allow the MPS Health Plan to recognize savings over the MPS plan year compared to the EHA rates.

## Health Insurance Rates – CHI High Deductible Health Plan

| Benefit  | 2016-17*<br>(8-Months) | 2017-18         | 2018-19         |
|--|------------------------|-----------------|-----------------|
| <b>Millard Deductibles</b>                           | \$3,100/\$6,200        | \$3,100/\$6,200 | \$3,100/\$6,200 |
| <b>EHA - Closest Equivalent EHA Plan Deductibles</b> | \$3,500/\$7,000        | \$3,500/\$7,000 | \$3,500/\$7,000 |
| <b>Millard - Single Premium</b>                      | \$374.00*              | \$421.37*       | \$449.46*       |
| <b>EHA - Single Premium</b>                          | \$451.22               | \$487.27        | \$487.27        |
| <b>Millard Employee + Spouse Premium</b>             | \$783.00*              | \$882.18*       | \$941.46*       |
| <b>EHA Employee + Spouse Premium</b>                 | \$947.58               | \$1,023.29      | \$1,023.29      |
| <b>Millard - Employee + Children Premium</b>         | \$689.00*              | \$776.27*       | \$828.08*       |
| <b>EHA - Employee + Children Premium</b>             | \$834.78               | \$901.48        | \$901.48        |
| <b>Millard Family Premium</b>                        | \$1,051.00*            | \$1,184.13*     | \$1,263.17*     |
| <b>EHA Family Premium</b>                            | \$1,272.35             | \$1,374.01      | \$1,374.01      |
| <b>Estimated Percentage Savings</b>                  | 21%                    | 16%             | 9%              |
| <b>Estimated \$ Savings</b>                          | <b>\$0.2 Mil.</b>      | <b>0.3 Mil.</b> | <b>0.2 Mil.</b> |

(a) - Until January 1, 2015, Millard allowed only a family premium option while, since 2008-09, the EHA permits a three tier option beyond single coverage (Employee + Spouse, Employee + Children, and Family). The “Equivalent Family Premium” is a blend of these rates to better compare like situations. To arrive at this, we assumed that 22% would be employee + spouse, 7% employee + children, and 71% family. Effective January 1, 2015, Millard adopted a four tier rate structure.

(b) - EHA has had several different tiers of deductibles that can be elected for family coverage. For purposes of comparison, deductibles have not always lined up perfectly, so we have matched the closest EHA plan for purposes of comparing rates.

(c) - Effective January 1, 2015, Millard adopted a High Deductible Plan option (the Standard HDHP). Approximately 64% of employees elected the Standard HDHP option in calendar year 2015. In calendar year 2016, approximately 64% of employees elected the Standard HDHP. In calendar year 2017, approximately 62% of employees elected the Standard HDHP. In calendar year 2018, approximately 66% of employees elected the Standard HDHP.

(d) – Effective January 1, 2017, Millard adopted a second High Deductible Plan option utilizing a high performance network of the CHI doctors’ offices, clinics, and hospitals in the Metro-Omaha area. This plan differs slightly from the Standard HDHP offered by Millard as deductible and out of pocket limits are lower. In calendar year 2017, approximately 6% of employees elected the CHI HDHP. In calendar year 2018, approximately 8% of employees elected the CHI HDHP.

(e) – Until January 1, 2016, plan terms such as deductibles generally changed on January 1 of each year while rates are generally changed on September 1 of each year. This is still true of EHA. However, Millard moved to changing rates on January 1 to align with open enrollment. Therefore, the rates in the 2015-16 year, 2016-17 year, and 2017-18 year on the charts reflect four months of “old” rates and 8 months of “new” rates.

i. Monthly rates effective January 1, 2019 for the Traditional PPO Plan are:

|            |                     |
|------------|---------------------|
| \$592.83   | Employee Only       |
| \$1,244.92 | Employee + Spouse   |
| \$1,096.75 | Employee + Children |
| \$1,671.58 | Family Coverage     |

ii. Monthly rates effective January 1, 2019 for the Standard High Deductible Health Plan are:

|            |                     |
|------------|---------------------|
| \$495.67   | Employee Only       |
| \$1,040.92 | Employee + Spouse   |
| \$916.33   | Employee + Children |
| \$1,397.00 | Family Coverage     |

iii. Monthly rates effective January 1, 2019 for the high performance CHI network HDHP are:

|            |                     |
|------------|---------------------|
| \$451.67   | Employee Only       |
| \$945.67   | Employee + Spouse   |
| \$832.17   | Employee + Children |
| \$1,269.42 | Family Coverage     |

(f) – The 2018-19 Estimated Savings for the District are reflected as a negative amount as a result of the EHA health plan offering a 0% premium increase for the September 1, 2018 renewal period. The MPS rate included an increase of 11% effective January 1, 2018 for the traditional plan and an increase of 19% for the HDHP. The September 1, 2019 EHA renewal includes a 5.2% increase. Over the January 1, 2019 – December 31, 2019 MPS Plan Year, the increase from blended EHA rate will allow the MPS Health Plan to recognize savings over the MPS plan year compared to the EHA rates. The “blended” EHA Rates for 2019 are shown below:

- i. Blended 2019 monthly rates for the Traditional PPO Plan are:
  - \$592.84 Employee Only
  - \$1,244.97 Employee + Spouse
  - \$1,096.77 Employee + Children
  - \$1,671.68 Family Coverage
- ii. Blended 2019 monthly rates for the Standard High Deductible Health Plan are:
  - \$495.72 Employee Only
  - \$1,041.03 Employee + Spouse
  - \$917.11 Employee + Children
  - \$1,397.83 Family Coverage
- iii. Blended 2019 monthly rates for the high performance CHI network HDHP are:
  - \$495.72 Employee Only
  - \$1,041.03 Employee + Spouse
  - \$917.11 Employee + Children
  - \$1,397.83 Family Coverage

(g) – EHA historical rates are posted on the EHA website. See <http://www.ehaplan.org/coverage-rates>. In December of 2011, EHA offered a one month premium holiday on the condition that the local teachers' bargaining unit agreed to the distribution of the savings between the employee and the employer. While it is our understanding that most districts did not receive 100% of this premium holiday, we have nonetheless reduced the EHA premiums by one-twelfth in 2011-12 for purposes of this chart.

Millard Public Schools Self-Funded Summary through FYE 2018

Section 1: Claims Review

| Contract Year | Total Average Enrollment | Medical Claims Paid |             | Gross Medical/Rx Claims | Reinsurance After Deductibles | Net Paid Medical/Rx Claims |
|---------------|--------------------------|---------------------|-------------|-------------------------|-------------------------------|----------------------------|
|               |                          | Rx Claims Paid      |             |                         |                               |                            |
| 2005-06       | 1,978                    | \$8,915,744         | \$2,808,235 | \$11,723,979            | (\$128,952)                   | \$11,595,027               |
| 2006-07       | 2,040                    | \$11,074,333        | \$3,497,158 | \$14,571,491            | (\$630,973)                   | \$13,940,518               |
| 2007-08       | 2,178                    | \$12,940,507        | \$3,649,886 | \$16,590,393            | (\$236,293)                   | \$16,354,100               |
| 2008-09       | 2,279                    | \$16,357,773        | \$3,500,826 | \$19,858,599            | (\$754,855)                   | \$19,103,744               |
| 2009-10       | 2,374                    | \$16,389,942        | \$3,995,880 | \$20,385,822            | (\$744,039)                   | \$19,641,783               |
| 2010-11       | 2,462                    | \$19,905,919        | \$4,507,756 | \$24,413,675            | (\$1,121,951)                 | \$23,291,724               |
| 2011-12       | 2,448                    | \$21,645,590        | \$4,849,169 | \$26,494,759            | (\$197,990)                   | \$26,296,769               |
| 2012-13       | 2,469                    | \$20,941,879        | \$4,619,095 | \$25,560,974            | \$0                           | \$25,560,974               |
| 2013-14       | 2,505                    | \$21,575,942        | \$4,983,171 | \$26,559,113            | (\$368,955)                   | \$26,190,158               |
| 2014-15       | 2,453                    | \$20,480,661        | \$5,079,579 | \$25,560,240            | \$0                           | \$25,560,240               |
| 2015-16       | 2,387                    | \$21,295,306        | \$5,333,476 | \$26,628,782            | (\$852,086)                   | \$25,776,696               |
| 2016-17       | 2,342                    | \$20,553,179        | \$5,626,220 | \$26,179,399            | (\$493,670)                   | \$25,685,730               |
| 2017-18       | 2,276                    | \$20,709,503        | \$6,252,450 | \$26,961,954            | (\$395,345)                   | \$26,566,609               |

Section 2(a): Plan Income - Traditional PPO Plan

| Contract Year | Average Number of Employees with Single Coverage | Single Monthly Premium | Average Number of Employees with Employee + Spouse Coverage | Employee + Spouse Monthly Premium | Average Number of Employees with Employee + Child(ren) Coverage | Employee + Child(ren) Monthly Premium | Average Number of Employees with Family Coverage | Family Monthly Premium | Percentage Increase in Premiums | Plan Income (Annual Enrollment x Premium) |
|---------------|--|------------------------|---|-----------------------------------|---|---------------------------------------|--|------------------------|---------------------------------|---|
| 2005-06       | 734  | \$325.28               | --  | --                                | --  | --                                    | 1,244  | \$890.78               | Not Applicable                  | \$16,168,710                              |
| 2006-07       | 717  | \$325.28               | --  | --                                | --  | --                                    | 1,323  | \$890.78               | 0.0%                            | \$16,946,425                              |
| 2007-08       | 768  | \$325.28               | --  | --                                | --  | --                                    | 1,410  | \$890.78               | 0.0%                            | \$18,064,999                              |
| 2008-09       | 787  | \$325.28               | --  | --                                | --  | --                                    | 1,492  | \$890.78               | 0.0%                            | \$19,020,710                              |
| 2009-10       | 804  | \$349.68               | --  | --                                | --  | --                                    | 1,570  | \$957.60               | 7.5%                            | \$21,410,109                              |
| 2010-11       | 820  | \$379.40               | --  | --                                | --  | --                                    | 1,642  | \$1,039.00             | 8.5%                            | \$24,204,334                              |
| 2011-12       | 802  | \$394.58               | --  | --                                | --  | --                                    | 1,646  | \$1,080.56             | 4.0%                            | \$25,139,372                              |
| 2012-13       | 827  | \$405.00               | --  | --                                | --  | --                                    | 1,642  | \$1,110.00             | 2.7%                            | \$25,893,585                              |
| 2013-14       | 843  | \$445.00               | --  | --                                | --  | --                                    | 1,662  | \$1,220.00             | 9.9%                            | \$28,829,970                              |
| 2014-15       | 543  | \$499.37               | 79  | \$1,048.71                        | 30  | \$923.87                              | 760  | \$1,408.15             | 12.2%                           | \$17,408,477                              |
| 2015-16       | 377  | \$506.57               | 118   | \$1,062.90                        | 49  | \$936.62                              | 307  | \$1,427.38             | 1.4%                            | \$9,597,743                               |
| 2016-17       | 328  | \$530.44               | 103   | \$1,113.56                        | 48  | \$981.22                              | 282  | \$1,494.78             | 4.7%                            | \$9,087,690                               |
| 2017-18       | 243  | \$562.69               | 88  | \$1,181.55                        | 43  | \$1,040.97                            | 215  | \$1,586.34             | 6.1%                            | \$7,518,419                               |

Section 2(b): Plan Income - High Deductible Health Plan

| Contract Year | Average Number of Employees with Single Coverage | Single Monthly Premium | Average Number of Employees with Employee + Spouse Coverage | Employee + Spouse Monthly Premium | Average Number of Employees with Employee + Child(ren) Coverage | Employee + Child(ren) Monthly Premium | Average Number of Employees with Family Coverage | Family Monthly Premium | Percentage Increase in Premiums | Plan Income (Annual Enrollment x Premium) |
|---------------|--|------------------------|---|-----------------------------------|---|---------------------------------------|--|------------------------|---------------------------------|---|
| 2014-15       | 248  | \$374.54               | 155   | \$786.53                          | 67  | \$692.90                              | 572  | \$1,056.11             | Not Applicable                  | \$10,385,080                              |
| 2015-16       | 343  | \$380.18               | 229   | \$797.51                          | 112   | \$702.31                              | 852  | \$1,070.70             | 1.4%                            | \$15,652,502                              |
| 2016-17       | 338  | \$407.00               | 208   | \$853.67                          | 110   | \$751.44                              | 827  | \$1,145.56             | 7.0%                            | \$16,141,991                              |
| 2017-18       | 355  | \$461.51               | 210   | \$968.86                          | 117   | \$852.89                              | 815  | \$1,300.17             | 13.5%                           | \$18,320,680                              |

Section 2(c): Plan Income - High Deductible Health Plan - CHI (As of January 1, 2017)

| Contract Year | Average Number of Employees with Single Coverage | Single Monthly Premium | Average Number of Employees with Employee + Spouse Coverage | Employee + Spouse Monthly Premium | Average Number of Employees with Employee + Child(ren) Coverage | Employee + Child(ren) Monthly Premium | Average Number of Employees with Family Coverage | Family Monthly Premium | Percentage Increase in Premiums | Plan Income (Annual Enrollment x Premium) |
|---------------|--|------------------------|---|-----------------------------------|---|---------------------------------------|--|------------------------|---------------------------------|---|
| 2016-17       | 42   | \$374.00               | 24  | \$783.00                          | 12  | \$689.00                              | 70   | \$1,051.00             | Not Applicable                  | \$1,396,056                               |
| 2017-18       | 61   | \$421.37               | 31  | \$882.18                          | 13  | \$776.27                              | 85   | \$1,184.13             | 12.7%                           | \$1,965,525                               |

Millard Public Schools Self-Funded Summary through FYE 2018

Section 3: Income Versus Expenses

| Contract Year | Total Annual Income | Annual Administrative Cost | Annual Reinsurance Cost | Net Paid Medical/Rx Claims | Employer Contributions to Health Savings Accounts | Total Annual Expenses | Other Adjustments (e.g. ERRP, flu shots, and wellness) | Taxes & Penalties | Deficit or Surplus | Ending Employee Benefits Fund |
|---------------|---------------------|----------------------------|-------------------------|----------------------------|---|-----------------------|--|-------------------|--------------------|-------------------------------|
| 2005-06       | \$16,168,710        | \$1,098,253                | \$1,232,655             | \$11,595,027               | n/a   | \$13,925,935          | (\$26,075)   | \$0               | \$2,216,700        | \$8,561,274                   |
| 2006-07       | \$16,946,425        | \$688,631                  | \$567,655               | \$13,940,518               | n/a   | \$15,196,804          | (\$35,675)   | \$0               | \$1,713,946        | \$10,275,220                  |
| 2007-08       | \$18,064,999        | \$786,252                  | \$561,020               | \$16,354,100               | n/a   | \$17,701,372          | (\$36,810)   | \$0               | \$326,817          | \$10,602,037                  |
| 2008-09       | \$19,020,710        | \$774,741                  | \$606,985               | \$19,103,744               | n/a   | \$20,485,470          | (\$44,975)   | \$0               | (\$1,509,735)      | \$9,092,302                   |
| 2009-10       | \$21,410,109        | \$839,109                  | \$780,921               | \$19,641,783               | n/a   | \$21,261,813          | \$15,232   | \$0               | \$163,528          | \$9,255,830                   |
| 2010-11       | \$24,204,334        | \$860,854                  | \$956,951               | \$23,291,724               | n/a   | \$25,109,529          | \$43,448   | \$0               | (\$861,747)        | \$8,394,083                   |
| 2011-12       | \$25,139,372        | \$854,990                  | \$708,385               | \$26,296,769               | n/a   | \$27,860,144          | (\$173,522)  | \$0               | (\$2,894,294)      | \$5,499,789                   |
| 2012-13       | \$25,893,585        | \$782,232                  | \$844,055               | \$25,560,974               | n/a   | \$27,187,261          | (\$172,533)  | \$0               | (\$1,466,209)      | \$4,033,580                   |
| 2013-14       | \$28,829,970        | \$817,223                  | \$911,634               | \$26,190,158               | n/a   | \$27,919,015          | (\$172,634)  | \$0               | \$738,321          | \$4,771,901                   |
| 2014-15       | \$27,793,557        | \$824,362                  | \$978,022               | \$25,560,240               | \$2,838,567**                                     | \$27,362,624          | (\$185,932)  | \$299,628         | (\$54,627)         | \$4,717,274                   |
| 2015-16       | \$25,250,245        | \$757,341                  | \$985,285               | \$25,776,696               | \$4,228,400**                                     | \$27,519,322          | (\$167,413)  | \$206,821         | (\$2,643,311)      | \$2,073,963                   |
| 2016-17       | \$26,147,125        | \$338,450                  | \$966,778               | \$25,685,730               | \$4,339,500**                                     | \$26,990,958          | (\$160,510)  | \$135,488         | (\$1,139,831)      | \$934,132                     |
| 2017-18       | \$27,825,284        | \$383,762                  | \$1,014,312             | \$26,566,609               | \$3,521,817**                                     | \$27,964,683          | (\$165,681)  | \$23,102          | (\$328,182)        | \$605,950                     |

Section 4: Large Claims Summary

| YEAR    | Number of Individual Claims Above \$75,000 | Total Paid for Individuals over \$75,000 | Number of Individual Claims Above \$150,000 | Total Paid for Individuals over \$150,000 | Number of Individual Claims Above \$500,000 | Total Paid for Individuals over \$500,000 |
|---------|--|--|---|---|---|---|
| 2005-06 | 11   | \$1,249,125                              | 2   | \$373,660                                 | 0   | \$0                                       |
| 2006-07 | 6  | \$1,380,972                              | 3   | \$984,753                                 | 0   | \$0                                       |
| 2007-08 | 17   | \$2,076,826                              | 2   | \$536,295                                 | 0   | \$0                                       |
| 2008-09 | 32   | \$4,781,183                              | 12  | \$2,654,855                               | 1   | \$663,028                                 |
| 2009-10 | 25   | \$3,829,297                              | 8   | \$2,044,039                               | 0   | \$0                                       |
| 2010-11 | 35   | \$5,174,620                              | 7   | \$2,271,951                               | 1   | \$744,819                                 |
| 2011-12 | 23   | \$4,101,687                              | 11  | \$2,623,934                               | 0   | \$0                                       |
| 2012-13 | 24   | \$3,669,347                              | 13  | \$2,385,028                               | 0   | \$0                                       |
| 2013-14 | 23   | \$4,027,254                              | 9   | \$2,379,392                               | 1   | \$905,404                                 |
| 2014-15 | 53   | \$6,433,530                              | 10  | \$2,163,419                               | 0   | \$0                                       |
| 2015-16 | 44   | \$5,052,089                              | 9   | \$2,894,575                               | 2   | \$1,415,440                               |
| 2016-17 | 41   | \$6,072,708                              | 12  | \$3,026,399                               | 1   | \$804,964                                 |
| 2017-18 | 51   | \$7,362,032                              | 15  | \$3,587,169                               | 0   | \$0                                       |

Section 5: Health Insurance Administrator / Reinsurance Terms

| Contract Year | Provider            | Reinsurance Specific Deductible | Reinsurance Aggregating Specific Deductible |
|---------------|---------------------|---------------------------------|---|
| 2005-06       | UnitedHealthcare    | \$125,000                       | Not Applicable                              |
| 2006-07       | Mutual Of Omaha     | \$125,000                       | Not Applicable                              |
| 2007-08       | Coventry Healthcare | \$150,000                       | Not Applicable                              |
| 2008-09       | Coventry Healthcare | \$150,000                       | \$100,000                                   |
| 2009-10       | Coventry Healthcare | \$150,000                       | \$100,000                                   |
| 2010-11       | Coventry Healthcare | \$150,000                       | \$100,000                                   |
| 2011-12       | Coventry Healthcare | \$200,000                       | \$350,000                                   |
| 2012-13       | Coventry Healthcare | \$200,000                       | \$350,000                                   |
| 2013-14       | Coventry Healthcare | \$200,000                       | \$350,000                                   |
| 2014-15       | Coventry Healthcare | \$200,000                       | \$350,000                                   |
| 2015-16       | Coventry/Aetna      | \$200,000                       | \$350,000                                   |
| 2016-17       | Aetna               | \$200,000                       | \$350,000                                   |
| 2017-18       | Aetna               | \$200,000                       | \$350,000                                   |

**Millard Public Schools Self-Funded Summary through FYE 2018**

## Footnotes:

\* The Employee Benefits Fund balance will vary from the business office numbers based primarily of timing and accounting of plan expenses / income. These variances have been reviewed by Human Resources and the Business Office and variances are within normal parameters. Unlike the Business Office numbers, the numbers above do not include the money loaned to the health fund from the general fund or the later paid back of the loans to the general fund. At the conclusion of the 2017-18 year, the buisness office showed a health fund balance of \$849,467 (a difference of \$243,516 from Silverstone's accounting).

\*\* - The Health Savings Account contributions made by the District are made out of the general fund and not the health insurance fund. They are included on this sheet for information purposes and are not included in the total expenses or in the income/loss calculaton to the health insurance fund.

\*\*\* - For the 2014-15 year, the average number of persons in each plan is misleading because the high deductible plan did not exist until January of 2015. Therefore, 2014-15 averages include four months where employees only had the choice of single or family coverage (two tiers only) under the traditional PPO plan. In August 2015, 868 (36%) persons chose the traditional plan and 1,561 chose the high deductible health plan (64%). For the 2016-17 year, the CHI HDHP was introduced and caused adjusted enrollment between the existing plans. On January 1, 2017, 735 persons (31%) chose the traditional plan, 1,478 person (63%) chose the high deductible health plan, and 150 persons (6%) chose the new CHI HDHP. On January 1, 2018, 589 persons (26%) chose the traditional plan, 1,497 person (66%) chose the high deductible health plan, and 190 persons (8%) chose the CHI HDHP.

## Ancillary Benefits Rates

### District Single Dental Rates - Monthly

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| \$25.16 | \$23.90 | \$23.90 | \$25.10 | \$25.10 | \$22.89 | \$22.89 | \$22.89 | \$25.16 | \$26.64 |

### District LTD Rates

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| \$0.210 | \$0.175 | \$0.175 | \$0.175 | \$0.175 | \$0.175 | \$0.175 | \$0.181 | \$0.181 | \$0.181 |

### District Life Insurance Rates - Monthly

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| \$4.00  | \$3.50  | \$3.50  | \$3.50  | \$3.50  | \$3.50  | \$3.50  | \$3.60  | \$3.75  | \$3.75  |

### District NPERS Rates

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 8.3628% | 8.3628% | 8.9688% | 9.8788% | 9.8788% | 9.8788% | 9.8788% | 9.8788% | 9.8788% | 9.8788% |

### District Employee Assistance Program Rates

| 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2017-18 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| \$16.25 | \$16.25 | \$16.25 | \$16.25 | \$16.25 | \$15.50 | \$15.50 | \$15.50 | \$15.50 | \$15.10 |

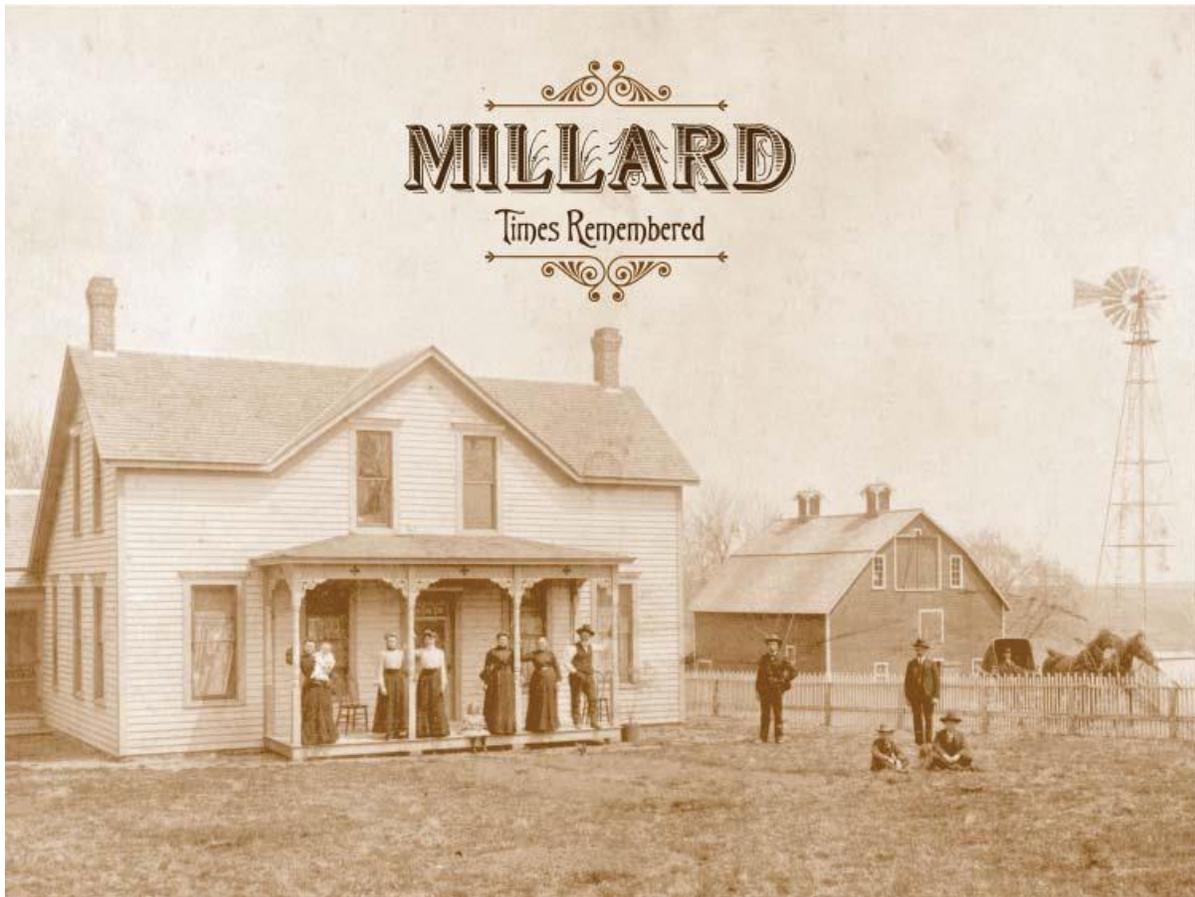
| <b>Days Absent by Reason by Employee Group 2017-18</b> |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|--|--|--|--|--|--|--|--|--|

| <b>Reason</b>              | <b>Admin</b> | <b>Teachers</b> | <b>Nurses</b> | <b>ProfTechS</b> | <b>ProfTechH</b> | <b>EdPara</b> | <b>CustMaint</b> | <b>Food Serv</b> |
|----------------------------|--------------|-----------------|---------------|------------------|------------------|---------------|------------------|------------------|
| Personal Illness           | 64.5         | 5,369.1         | 18.5          | 214.7            | 907.9            | 1,345.7       | 1,148.7          | 568.6            |
| Family Illness             | 64.0         | 3,882.1         | 40.0          | 97.6             | 262.7            | 571.7         | 187.8            | 147.0            |
| Business/Emergency         | 10.0         | 1,314.2         | 9.5           | 41.3             | 204.3            | 295.3         | 189.2            | 175.2            |
| Personal                   | -            | 540.9           | 3.0           | -                | -                | -             | -                | -                |
| Bereavement                | 12.5         | 432.1           | 2.0           | 17.0             | 64.1             | 97.9          | 89.0             | 34.2             |
| Family Medical Leave       | 33.0         | 4,571.5         | 24.0          | 72.7             | 420.8            | 323.1         | 541.0            | 446.2            |
| <b>Total Days</b>          | <b>184</b>   | <b>16,110</b>   | <b>97</b>     | <b>443</b>       | <b>1,860</b>     | <b>2,634</b>  | <b>2,156</b>     | <b>1,371</b>     |
| Mean Avg Days/Employee     | 2.11         | 9.57            | 8.82          | 8.33             | 9.81             | 8.58          | 11.73            | 9.53             |
| <b>% of Scheduled Work</b> | <b>1.0%</b>  | <b>5.0%</b>     | <b>4.6%</b>   | <b>3.8%</b>      | <b>4.4%</b>      | <b>4.6%</b>   | <b>5.0%</b>      | <b>4.9%</b>      |
| 2016-17                    | 1.5%         | 4.7%            | 3.7%          | 3.7%             | 4.4%             | 4.1%          | 4.8%             | 3.9%             |
| 2015-16                    | 2.3%         | 4.7%            | 3.2%          | 3.7%             | 4.1%             | 4.1%          | 4.6%             | 4.9%             |
| 2014-15                    | 1.5%         | 4.8%            | 3.2%          | 3.5%             | 3.5%             | 4.2%          | 4.9%             | 4.4%             |
| 2013-14                    | 1.6%         | 4.7%            | 3.5%          | 3.2%             | 3.4%             | 4.3%          | 5.0%             | 4.0%             |
| 2012-13                    | 2.5%         | 4.7%            | 3.9%          | 4.9%             | 3.7%             | 4.2%          | 5.3%             | 4.8%             |
| 2011-12                    | 2.3%         | 4.6%            | 3.4%          | 4.2%             | 3.2%             | 3.9%          | 4.8%             | 4.6%             |
| 2010-11                    | 2.3%         | 4.7%            | 2.1%          | 3.7%             | 3.6%             | 3.8%          | 4.1%             | 4.0%             |
| 2009-10                    | 2.3%         | 4.4%            | 4.0%          | 3.2%             | 3.4%             | 4.2%          | 4.3%             | 3.9%             |
| 2008-09                    | 1.9%         | 4.2%            | 3.5%          | 4.3%             | 3.3%             | 3.6%          | 3.5%             | 4.3%             |

| <b>Scheduled Absences</b>   |                |                |             |              |                |            |                |            |
|-----------------------------|----------------|----------------|-------------|--------------|----------------|------------|----------------|------------|
| Vacation                    | 765.5          | -              | -           | 301.5        | 1,015.3        | -          | 2,292.7        | -          |
| Military                    | -              | 18.0           | -           | -            | -              | -          | -              | -          |
| Union                       | -              | 9.0            | -           | -            | -              | -          | -              | -          |
| Jury/Election               | 1.5            | 45.5           | -           | 1.5          | 3.8            | 3.2        | 2.0            | 6.7        |
| Professional                | 229.5          | 4,493.5        | 7.5         | 90.0         | 13.4           | 3.0        | -              | -          |
| Retirement Seminar          | 7.5            | 24.0           | -           | 1.0          | 4.1            | 2.7        | 6.0            | 1.8        |
| Misc/Administrative         | 16.0           | 459.5          | 8.5         | 8.0          | -              | -          | -              | -          |
| <b>Total Scheduled Days</b> | <b>1,020.0</b> | <b>5,049.5</b> | <b>16.0</b> | <b>402.0</b> | <b>1,036.5</b> | <b>8.9</b> | <b>2,300.7</b> | <b>8.4</b> |

| <b>Teacher Professional Leave Days</b> | <b>Avg</b> |     |
|--|------------|-----|
| 2017-18                                | 4,494      | 2.7 |
| 2016-17                                | 4,474      | 2.6 |
| 2015-16                                | 5,523      | 3.2 |
| 2014-15                                | 7,045      | 4.1 |
| 2013-14                                | 6,814      | 4.0 |
| 2012-13                                | 6,283      | 3.7 |
| 2011-12                                | 6,188      | 3.6 |
| 2010-11                                | 6,165      | 3.6 |
| 2009-10                                | 6,681      | 3.9 |
| 2008-09                                | 5,967      | 3.6 |

# Current Staffing Levels



## Personnel Distribution

### Full-time Equivalency

| Employee Class                  | F.T.E. Change<br>17-18 to 18-19 | Staff F.T.E. 18-19 | Staff F.T.E. 17-18 | Staff F.T.E. 16-17 | Staff F.T.E. 15-16 |
|---------------------------------|---------------------------------|--------------------|--------------------|--------------------|--------------------|
| Administrators                  | -1.00                           | 86                 | 87.0               | 87.0               | 88.0               |
| Teachers                        | -4.10                           | 1679.2             | 1683.3             | 1689.6             | 1701.2             |
| School Nurses                   | 1.00                            | 12                 | 11.0               | 12.0               | 14.0               |
| Professional Technical Salaried | 1.80                            | 55                 | 53.2               | 56.2               | 65.0               |
| Professional Technical Hourly   | -2.70                           | 186.8              | 189.5              | 184.6              | 174.0              |
| Educational Paraprofessionals   | 12.40                           | 319.5              | 307.1              | 314.7              | 312.1              |
| Custodial/Maintenance           | -4.30                           | 179.5              | 183.8              | 193.0              | 194.4              |
| Food Service                    | -4.00                           | 139.9              | 143.9              | 142.0              | 138.7              |
| <b>Totals</b>                   | <b>-0.90</b>                    | <b>2657.9</b>      | <b>2658.8</b>      | <b>2679.1</b>      | <b>2687.4</b>      |

### Employee Count

| Employee Class                  | Count Change<br>17-18 to 18-19 | Staff Count 18-19 | Staff Count 17-18 | Staff Count 16-17 | Staff Count 15-16 |
|---------------------------------|--------------------------------|-------------------|-------------------|-------------------|-------------------|
| Administrators                  | -1                             | 86                | 87                | 87                | 88                |
| Teachers                        | -5                             | 1703              | 1708              | 1719              | 1733              |
| School Nurses                   | 0                              | 11                | 11                | 12                | 14                |
| Professional Technical Salaried | 1                              | 57                | 56                | 58                | 67                |
| Professional Technical Hourly   | -2                             | 199               | 201               | 197               | 184               |
| Educational Paraprofessionals   | 21                             | 426               | 405               | 422               | 420               |
| Custodial/Maintenance           | -5                             | 180               | 185               | 195               | 196               |
| Food Service                    | -4                             | 172               | 176               | 176               | 174               |
| <b>Totals</b>                   | <b>11</b>                      | <b>2834</b>       | <b>2823</b>       | <b>2866</b>       | <b>2876</b>       |

## Staffing Admin Positions

| Class                  | Current Job Class Title   | FTE         |
|------------------------|---------------------------|-------------|
| A010                   | SUPERINTENDENT            | 1.0         |
| A021                   | CHIEF FINANCIAL OFFICER   | 1.0         |
| A030                   | ASSOC SUPT EDUC SERV      | 1.0         |
| A060                   | ASSOC SUPT HR             | 1.0         |
| A120                   | EXEC DIR TECHNOLOGY       | 1.0         |
| A140                   | EXEC DIR LDRSHP STRATPLAN | 1.0         |
| A200                   | DIR EMPLOYEE RELATIONS    | 1.0         |
| A205                   | EXEC DIR ASSMN-TRESR-EVAL | 1.0         |
| A210                   | DIR PERSONNEL             | 1.0         |
| A230                   | DIR COMMUNICATIONS        | 1.0         |
| A240                   | DIR STUDENT SERVICES      | 1.0         |
| A250                   | DIR STAFF DEVELOPMENT     | 1.0         |
| A260                   | DIR ELEM & EARLY CHILD ED | 1.0         |
| A270                   | DIR SECONDARY ED          | 1.0         |
| A280                   | DIR SPED                  | 1.0         |
| A301                   | EXEC DIRECTOR-ACTIVITIES  | 1.0         |
| A305                   | DIR OF DIGITAL LEARNING   | 1.0         |
| A310                   | COORD OF CAREER & TECH ED | 1.0         |
| A330                   | COORD SPECIAL PROJECTS    | 1.0         |
| A340                   | COORD K-5 SPED PROG       | 1.0         |
| A350                   | COORD 6-12 SPED PROG      | 1.0         |
| A354                   | COORD SPED RELSRV&YNGADLT | 1.0         |
| A360                   | COORD PRE-SCHOOL SPED     | 1.0         |
| A401                   | ELEM PRINCIPAL            | 25.0        |
| A402                   | MDL SCH PRINCIPAL         | 6.0         |
| A403                   | HS PRINCIPAL              | 3.0         |
| A422                   | MDL SCH ASST PRINCIPAL    | 12.0        |
| A423                   | HS ASST PRINCIPAL         | 12.0        |
| A443                   | HS ACTIVITY DIRECTOR      | 3.0         |
| A463                   | HORIZON HS PRINCIPAL      | 1.0         |
| A473                   | HORIZON ASST PRINCIPAL    | 1.0         |
| <b>Overall - Total</b> |                           | <b>86.0</b> |

## Staffing Teacher Positions

| Class | Current Job Class Title   | FTE  |
|-------|---------------------------|------|
| C011  | MONTESSORI PRESCHOOL TCHR | 3.0  |
| C081  | MONTESSORI PRE/KDG TCHR   | 3.0  |
| C091  | KINDERGARTEN TEACHER      | 73.0 |
| C101  | MONTESSORI 1-3 TEACHER    | 9.0  |
| C111  | GRADE 1 TEACHER           | 74.0 |
| C121  | GRADE 2 TEACHER           | 72.0 |
| C131  | GRADE 3 TEACHER           | 76.0 |
| C141  | GRADE 4 TEACHER           | 73.0 |
| C151  | GRADE 5 TEACHER           | 72.0 |
| C162  | GRADE 6 TEACHER           | 64.0 |
| C223  | CERTIFIED NURSING ASST    | 0.5  |
| C301  | CORE TEACHER ELEM         | 19.0 |
| C311  | MONTESSORI 4/5 TEACHER    | 6.0  |
| C312  | MONTESSORI TEACHER        | 3.0  |
| C321  | ART TEACHER ELEM          | 1.5  |
| C322  | ART TEACHER MS            | 8.8  |
| C323  | ART TEACHER HS            | 13.5 |
| C333  | BUSINESS TEACHER          | 24.0 |
| C352  | LANGUAGE ARTS TEACHER MS  | 33.0 |
| C353  | LANGUAGE ARTS TEACHER HS  | 67.0 |
| C362  | READING TEACHER MS        | 4.0  |
| C363  | READING TEACHER HS        | 1.0  |
| C381  | WORLD LANGUAGE TEACHER EL | 2.0  |
| C382  | WORLD LANGUAGE TEACHER MS | 20.3 |
| C383  | WORLD LANGUAGE TEACHER HS | 36.9 |
| C412  | FCS MS                    | 8.0  |
| C413  | FCS HS                    | 16.5 |
| C432  | INDUSTRIAL TECH TEACHER M | 6.3  |
| C433  | INDUSTRIAL TECH TEACHER H | 13.0 |
| C452  | COMPUTER TEACHER MS       | 5.9  |
| C461  | MATH INTERVENTIONIST      | 2.9  |
| C462  | MATH TEACHER MS           | 33.9 |
| C463  | MATH TEACHER HS           | 62.0 |
| C472  | SCIENCE TEACHER MS        | 35.0 |
| C473  | SCIENCE TEACHER HS        | 58.0 |
| C492  | SOCIAL STUDIES TEACHER MS | 33.0 |
| C493  | SOCIAL STUDIES TEACHER HS | 55.2 |
| C503  | ACADEMY LEAD TEACHER      | 1.0  |
| C531  | VOCAL MUSIC TEACHER ELEM  | 25.6 |
| C532  | VOCAL MUSIC TEACHER MS    | 7.6  |
| C533  | VOCAL MUSIC TEACHER HS    | 4.3  |
| C54I  | INSTR MUSIC TEACHER       | 13.8 |
| C55I  | ORCHESTRA TEACHER         | 11.0 |
| C572  | HEALTH TEACHER            | 5.0  |
| C591  | PHYSICAL ED TEACHER ELEM  | 26.4 |
| C592  | PHYSICAL ED TEACHER MS    | 13.0 |
| C593  | PHYSICAL ED TEACHER HS    | 21.0 |
| C611  | ELEM COUNSELOR            | 14.7 |
| C612  | MDL SCH COUNSELOR         | 15.0 |
| C613  | HIGH SCH COUNSELOR        | 22.0 |

|                        |                           |               |
|------------------------|---------------------------|---------------|
| C620                   | MEDIA SPECIALIST          | 1.0           |
| C621                   | MEDIA SPECIALIST ELEM     | 24.5          |
| C622                   | MEDIA SPECIALIST MS       | 6.0           |
| C623                   | MEDIA SPECIALIST HS       | 4.0           |
| C631                   | READ TEACHER ELEM         | 22.3          |
| C641                   | EARLY LIT INT (ELI) TCHR  | 3.0           |
| C652                   | LEARNING CTR TEACHER MS   | 4.0           |
| C66I                   | ELL TEACHER               | 13.5          |
| C670                   | TITLE 1 PRESCHOOL TCHR    | 10.0          |
| C671                   | TITLE 1 TEACHER           | 7.0           |
| C682                   | HIGH ABILITY LRNER TCH    | 5.5           |
| C710                   | MEP TECH FACILITATOR      | 4.0           |
| C711                   | TECHNOLOGY LEADER ELEM    | 0.5           |
| C721                   | INSTR FACILITATOR         | 7.5           |
| C731                   | INSTRUCTIONAL DEPTHD ELEM | 0.5           |
| C733                   | INSTRUCTIONAL DEPTHD HS   | 1.0           |
| C741                   | MEP FACILITATOR ELEM      | 4.5           |
| C743                   | MEP FACILITATOR HS        | 9.0           |
| C751                   | LEADERSHIP/LEARNING FACIL | 4.0           |
| C770                   | MEA PRESIDENT             | 1.0           |
| C771                   | ADMINISTRATIVE INTERN     | 12.0          |
| C79I                   | INTERVENTIONIST           | 0.5           |
| C811                   | SPED PROGRAM FACILITATOR  | 5.0           |
| C831                   | SPED RESOURCE TEACHER ELE | 45.5          |
| C832                   | SPED RESOURCE TEACHER MS  | 28.5          |
| C833                   | SPED RESOURCE TEACHER HS  | 35.5          |
| C851                   | SPED MH TEACHER ELEM      | 13.0          |
| C852                   | SPED MH TEACHER MS        | 7.0           |
| C853                   | SPED MH TEACHER HS        | 16.0          |
| C861                   | SPED BD TEACHER ELEM      | 4.5           |
| C862                   | SPED BD TEACHER MS        | 3.0           |
| C883                   | SPED MLC TEACHER          | 2.0           |
| C891                   | AUDIOLOGIST               | 1.0           |
| C90I                   | SPEECH PATHOLOGIST        | 61.0          |
| C913                   | SPED VISION IMPAIRED TCHR | 3.0           |
| C922                   | BEHAVIOR SPECIALIST       | 1.0           |
| C931                   | SPED INFANT TEACHER       | 3.0           |
| C941                   | SPED PRESCHOOL TEACHER    | 14.0          |
| C952                   | SPED HOMEBOUND TCHR MS    | 1.0           |
| C961                   | EARLY CHLDHD LITERACY TCH | 1.5           |
| C97I                   | SCHOOL PSYCHOLOGIST       | 19.0          |
| <b>Overall - Total</b> |                           | <b>1679.2</b> |

## Staffing Professional Technical Salary Positions

| Class                  | Current Job Class Title   | FTE         |
|------------------------|---------------------------|-------------|
| G030                   | MULTIMEDIA FACILITATOR    | 1.0         |
| G110                   | HUMAN RESOURCE RECRUITER  | 1.0         |
| G210                   | RESEARCH ASSOCIATE        | 2.0         |
| G211                   | DATA ANALYST/VISUAL SPEC  | 1.0         |
| G215                   | CLARKE COMM FACILITA      | 1.0         |
| G33I                   | SCHOOL SOCIAL WORKER      | 2.0         |
| G341                   | SCHOOL SOCIAL WORKER ES   | 1.0         |
| G342                   | SCHOOL SOCIAL WORKER MS   | 5.6         |
| G343                   | SCHOOL SOCIAL WORKER HS   | 4.0         |
| G351                   | OCCUPATIONAL THERAPIST ES | 6.3         |
| G361                   | PHYSICAL THERAPIST ES     | 4.1         |
| G401                   | SYSTEMS ANALYST           | 1.0         |
| G403                   | JR ROTC INSTRUCTOR I      | 1.0         |
| G404                   | JR ROTC INSTRUCTOR II     | 1.0         |
| G421                   | NETWORK SUPPORT SPEC      | 4.0         |
| G431                   | TECH FACILITATOR 1A ELEM  | 6.0         |
| G441                   | TECH FACILITATOR 2A ELEM  | 2.0         |
| G450                   | TELECOMMUNICATIONS SPEC   | 1.0         |
| G460                   | CADD/GIS ANALYST          | 1.0         |
| G500                   | ACCOUNTING MANAGER        | 1.0         |
| G520                   | DISTRICT ACCOUNTANT       | 2.0         |
| G525                   | DATABASE PROGRAMMER       | 1.0         |
| G550                   | DATABASE WAREHOUSE SPEC   | 1.0         |
| G600                   | GENERAL MANAGER SSC       | 1.0         |
| G620                   | PURCHASING AGENT          | 1.0         |
| G630                   | TRANSPORTATION MANAGER    | 1.0         |
| G640                   | PROJECT MANAGER           | 1.0         |
| <b>Overall - Total</b> |                           | <b>55.0</b> |

## Staffing Professional Technical Hourly Positions

| Class | Current Job Class Title    | FTE  |
|-------|----------------------------|------|
| J010  | EX SEC TO SUPERINTENDENT   | 1.0  |
| J030  | COMMUNICATIONS SPECIALIST  | 1.0  |
| J100  | HOME VISITOR B             | 2.0  |
| J105  | FAMILY FACILITATOR         | 2.0  |
| J10S  | HOME VISITOR S             | 1.0  |
| J110  | HR SPECIALIST CERT STAFF   | 1.0  |
| J120  | HR SPEC CLASSIFIED STAFF   | 2.0  |
| J130  | EMPLOYEE RELATIONS SPEC    | 1.0  |
| J140  | HR RECORDS SPECIALIST      | 1.0  |
| J150  | RECEPTIONIST               | 1.1  |
| J160  | HR SPEC SUB TEACHERS       | 1.0  |
| J180  | ASSESS/RESEARCH/EVAL SEC   | 1.0  |
| J240  | SECRETARY DIR PUPIL SERV   | 1.0  |
| J260  | PUPIL SERVICES SECRETARY   | 3.0  |
| J270  | STAFF DEV PROG SECRETARY   | 0.5  |
| J300  | EXEC SEC ASSOC SUPT EDSRV  | 1.0  |
| J310  | LEADERSHIP/LEARNING SPEC   | 1.0  |
| J315  | GRANT-COM SERVICE-MENTOR   | 1.0  |
| J320  | SECRETARY TO DIR ELED      | 1.0  |
| J330  | TITLE I/ECE SECRETARY      | 1.0  |
| J340  | ED SERV SECONDARY EDU SEC  | 1.0  |
| J34B  | BILINGUAL FAM-SCH LIAISON  | 2.0  |
| J350  | SECRETARY TO DIR SECED     | 1.0  |
| J360  | SECRETARY TO DIR SPED      | 1.0  |
| J370  | SPED SECRETARY I           | 2.0  |
| J380  | SPED PRE-SCH SECRETARY I   | 1.0  |
| J400  | SCTRY-ASST SUPT TECHNOLOGY | 1.0  |
| J410  | TECH HELP DESK SPECIALIST  | 1.0  |
| J474  | TECHNOLOGY SPECIALIST II   | 8.0  |
| J500  | EXEC ASSIST TO THE CFO     | 1.0  |
| J510  | ACCOUNTING SPECIALIST      | 1.0  |
| J520  | PAYROLL SPECIALIST         | 2.0  |
| J540  | ACCTS PAYABLE ASSISTANT    | 1.0  |
| J560  | DUPLICATION CLERK          | 0.5  |
| J600  | SUPPORT SERV SECRETARY II  | 1.0  |
| J601  | CNA/CMA                    | 8.0  |
| J610  | MAINTENANCE SECRETARY      | 3.5  |
| J620  | WAREHOUSE/MEDIA SECRETARY  | 2.0  |
| J630  | CATALOGER 12MO             | 1.0  |
| J713  | HS SECURITY GUARD          | 13.4 |
| J714  | HS SECURITY GUARD BLG PAY  | 0.6  |
| J723  | HS OUTSIDE SECURITY GUARD  | 2.0  |
| J800  | FOOD SERV BOOKKEEPER/SEC   | 2.0  |
| J830  | SPED VAN DRIVER            | 7.3  |
| J840  | SPED PRESCHOOL VAN DRIVER  | 14.2 |
| J850  | TRANSPORTATION SECRETARY   | 1.0  |
| J860  | SPED VAN DRIVER/JOB COACH  | 4.0  |
| J902  | SECRETARY 12MO MDL SCH     | 6.0  |
| J903  | SECRETARY 12 MO HIGH SCH   | 7.0  |
| J913  | HS ACCOUNTING CLERK        | 3.0  |

|                        |                         |              |
|------------------------|-------------------------|--------------|
| J921                   | ELEM SECRETARY 10 MO    | 25.0         |
| J922                   | MDL SCH SECRETARY 10 MO | 12.0         |
| J923                   | HS SECRETARY 10 MO      | 22.0         |
| J943                   | HS ACCOMPANIST          | 2.2          |
| J982                   | TAP INTERN              | 1.5          |
| <b>Overall - Total</b> |                         | <b>186.8</b> |

## Staffing Para Ed

| Class                  | Current Job Class Title   | FTE          |
|------------------------|---------------------------|--------------|
| K111                   | PRESCH MONTESSORI ED PARA | 8.8          |
| K201                   | INSTRUCTIONAL PARA ELEM   | 19.4         |
| K202                   | INSTRUCTIONAL PARA MS     | 7.8          |
| K203                   | INSTRUCTIONAL PARA HS     | 1.2          |
| K211                   | ELI ED PARA               | 2.1          |
| K241                   | RETEACHING PARA ELEM      | 8.0          |
| K242                   | RETEACHING PARA MS        | 0.5          |
| K243                   | RETEACHING PARA HS        | 0.9          |
| K261                   | MEDIA PARA ELEM           | 16.9         |
| K262                   | MEDIA PARA MS             | 4.6          |
| K263                   | MEDIA PARA HS             | 4.8          |
| K301                   | PRESCHOOL SPED PARA       | 21.7         |
| K311                   | RESOURCE SPED PARA-E      | 32.6         |
| K312                   | RESOURCE SPED PARA-M      | 24.4         |
| K313                   | RESOURCE SPED PARA-H      | 14.5         |
| K31S                   | RESOURCE WITH STIPEND     | 0.8          |
| K341                   | BD SPED PARA ELEM         | 6.7          |
| K342                   | BD SPED PARA MS           | 7.6          |
| K343                   | BD SPED PARA HS           | 0.8          |
| K351                   | ACP SPED ELEM PARA        | 24.3         |
| K352                   | ACP SPED MS PARA          | 16.7         |
| K353                   | ACP SPED HS PARA          | 17.1         |
| K362                   | VI SPED ED PARA MS        | 1.4          |
| K373                   | YOUNG ADULT PARA          | 7.9          |
| K400                   | TITLE 1 PRESCHOOL PARA    | 14.5         |
| K411                   | ELL PARA ELEM             | 0.3          |
| K601                   | HEALTH ROOM PARA ELEM     | 16.4         |
| K602                   | HEALTH ROOM PARA MS       | 3.3          |
| K603                   | HEALTH ROOM PARA HS       | 2.0          |
| K621                   | OFFICE PARA ELEM          | 1.3          |
| K622                   | OFFICE PARA MS            | 4.3          |
| K623                   | OFFICE PARA HS            | 2.3          |
| K641                   | WORKROOM PARA ELEM        | 10.8         |
| K642                   | WORKROOM PARA MS          | 1.2          |
| K643                   | WORKROOM PARA HS          | 0.4          |
| K661                   | FOOD SERVICE PARA ELEM    | 11.3         |
| <b>Overall - Total</b> |                           | <b>319.5</b> |

## Staffing Custodial / Maintenance Positions

| Class                  | Current Job Class Title   | FTE          |
|------------------------|---------------------------|--------------|
| M010                   | CUSTODIAN SPEC PROJECTS   | 1.0          |
| M023                   | CUSTODIAN I DEPT HEAD HS  | 3.0          |
| M031                   | DAY CUSTODIAN II          | 27.0         |
| M040                   | CUSTODIAN I               | 0.5          |
| M042                   | DAY CUSTODIAN I MS        | 6.0          |
| M043                   | DAY CUSTODIAN I HS        | 10.0         |
| M050                   | NIGHT CUSTODIAN I         | 2.0          |
| M051                   | NIGHT CUSTODIAN I ELEM    | 27.5         |
| M052                   | NIGHT CUSTODIAN I MS      | 20.0         |
| M053                   | NIGHT CUSTODIAN I HS      | 29.0         |
| M080                   | PT CUSTODIAN 12-MO        | 0.5          |
| M110                   | DELIVERY DRIVER           | 3.0          |
| M120                   | WAREHOUSE ASSISTANT       | 2.0          |
| M130                   | GENERAL LABORER           | 2.0          |
| M310                   | DISTRICT GROUNDS LEADER   | 6.0          |
| M315                   | DISTRICT GROUNDS ASST II  | 5.0          |
| M320                   | DIST GROUNDS ASSISTANT I  | 4.0          |
| M520                   | MECHANICAL TECHNICIAN     | 6.0          |
| M530                   | ELECTRICIAN               | 1.0          |
| M543                   | SR HI DAY ENGINEER        | 3.0          |
| M553                   | SR HI NIGHT ENGINEER      | 3.0          |
| M560                   | PREV MAINTENANCE ENGINEER | 1.0          |
| M570                   | PM TECH 1                 | 1.0          |
| M572                   | MS DAY ENGINEER/CUST III  | 5.0          |
| M582                   | CMS DAY ENGINEER/CUST IV  | 1.0          |
| M592                   | CUSTODIAN ENGINEER        | 1.0          |
| M600                   | CARPENTER                 | 7.0          |
| M700                   | PAINTER 1                 | 1.0          |
| M701                   | PAINTER 2                 | 1.0          |
| <b>Overall - Total</b> |                           | <b>179.5</b> |

**Staffing Food Service Positions**

| Class                  | Current Job Class Title   | FTE          |
|------------------------|---------------------------|--------------|
| P101                   | FS ELM PRODUCTION MANAGER | 26.0         |
| P102                   | FS MS PRODUCTION MANAGER  | 6.0          |
| P103                   | FS HS PRODUCTION MANAGER  | 4.0          |
| P201                   | FS ELM HELPER             | 32.1         |
| P202                   | FS MS HELPER              | 27.1         |
| P203                   | FS HS HELPER              | 33.4         |
| P302                   | FS MS PRODUCTION LEAD     | 5.6          |
| P303                   | FS HS PRODUCTION LEAD I   | 2.8          |
| P313                   | FS C-STORE MANAGER        | 3.0          |
| <b>Overall - Total</b> |                           | <b>139.9</b> |

**Staffing Substitute Dept**

| Department             | Department Title   | Employee Number |
|------------------------|--------------------|-----------------|
| SUB CUST               | SUB CUSTODIAN      | 44              |
| SUB HRLY               | SUBSTITUTES HOURLY | 203             |
| SUB TCH                | SUBSTITUTE TEACHER | 399             |
| <b>Overall - Total</b> |                    | <b>646</b>      |

### Elementary Regular Classroom Average

| School          | Sections   | Students     | 18-19       | 17-18       | 16-17 | 15-16 | 14-15 | 13-14 | 12-13 | 11-12 |
|-----------------|------------|--------------|-------------|-------------|-------|-------|-------|-------|-------|-------|
| Abbott          | 19         | 446          | 23.5        | 23.9        | 22.6  | 21.8  | 21.7  | 21.8  | 22.3  | 21.7  |
| Ackerman        | 23         | 516          | 22.4        | 21.7        | 21.5  | 21.7  | 21.0  | 22.0  | 22.0  | 22.1  |
| Aldrich         | 19         | 461          | 24.3        | 24.7        | 23.7  | 24.3  | 24.5  | 23.4  | 22.4  | 23.2  |
| Black Elk       | 24         | 569          | 23.7        | 22.6        | 22.6  | 22.1  | 20.7  | 21.1  | 23.0  | 22.5  |
| Bryan           | 18         | 340          | 18.9        | 19.2        | 21.0  | 20.3  | 21.1  | 20.8  | 20.4  | 20.2  |
| Cather          | 18         | 398          | 22.1        | 22.4        | 21.7  | 23.4  | 22.9  | 22.8  | 21.7  | 20.4  |
| Cody            | 12         | 212          | 17.7        | 15.6        | 17.0  | 18.2  | 17.3  | 16.2  | 14.1  | 14.9  |
| Cottonwood      | 14         | 301          | 21.5        | 21.3        | 22.6  | 20.9  | 21.7  | 20.5  | 20.4  | 21.8  |
| Disney          | 13         | 287          | 22.1        | 20.2        | 20.0  | 18.5  | 18.6  | 17.5  | 19.0  | 19.2  |
| Ezra Millard    | 20         | 465          | 23.3        | 22.6        | 22.5  | 22.5  | 19.6  | 19.2  | 20.2  | 18.9  |
| Harvey Oaks     | 12         | 284          | 23.7        | 23.6        | 24.0  | 21.8  | 21.5  | 22.2  | 22.4  | 21.2  |
| Hitchcock       | 12         | 263          | 21.9        | 21.7        | 22.0  | 19.0  | 18.6  | 17.1  | 15.9  | 17.1  |
| Holling Heights | 18         | 340          | 18.9        | 18.3        | 18.4  | 20.2  | 19.6  | 19.6  | 19.9  | 18.1  |
| Montclair       | 27         | 583          | 21.6        | 21.5        | 21.2  | 22.2  | 21.0  | 21.0  | 20.3  | 20.7  |
| Morton          | 14         | 288          | 20.6        | 18.1        | 18.2  | 19.4  | 19.4  | 18.5  | 18.5  | 17.6  |
| Neihardt        | 26         | 576          | 22.2        | 22.1        | 23.0  | 22.9  | 22.7  | 21.8  | 21.8  | 22.9  |
| Norris          | 19         | 343          | 18.1        | 18.8        | 20.0  | 18.9  | 19.5  | 19.2  | 18.8  | 18.3  |
| Reagan          | 24         | 567          | 23.6        | 22.5        | 21.8  | 22.1  | 22.3  | 22.4  | 23.4  | 21.7  |
| Reeder          | 27         | 580          | 21.5        | 22.6        | 22.4  | 21.7  | 22.1  | 20.4  | 21.2  | 20.4  |
| Rockwell        | 12         | 242          | 20.2        | 19.0        | 17.9  | 18.1  | 19.3  | 17.9  | 16.5  | 18.4  |
| Rohwer          | 22         | 499          | 22.7        | 21.5        | 22.0  | 20.9  | 21.7  | 20.7  | 20.8  | 21.1  |
| Sandoz          | 18         | 325          | 18.1        | 17.9        | 19.5  | 20.0  | 19.9  | 18.5  | 19.8  | 18.1  |
| Upchurch        | 22         | 471          | 21.4        | 22.5        | 21.8  | 20.0  | 21.3  | 22.6  | 22.8  | 21.6  |
| Wheeler         | 23         | 519          | 22.6        | 20.6        | 20.9  | 19.8  | 19.5  | 20.1  | 21.5  | 20.0  |
| Willowdale      | 20         | 457          | 22.9        | 22.7        | 23.0  | 23.1  | 22.7  | 21.4  | 21.1  | 21.1  |
| <b>Average</b>  | <b>476</b> | <b>10332</b> | <b>21.7</b> | <b>21.3</b> | 21.4  | 21.0  | 20.9  | 20.6  | 20.7  | 20.3  |

\*Based upon MPS Enrollment Counts 8/24/2018

### Number of Elementary Students per Section by Grade Level 2018-19

| Students Per Section<br>Sections by Grade Level | 20 or less | 21-23      | 24-25      | 26 plus   |
|---|------------|------------|------------|-----------|
| <b>Kindergarten</b>                             | 31         | 40         | 10         | 1         |
| <b>1st grade</b>                                | 32         | 30         | 12         | 4         |
| <b>2nd grade</b>                                | 31         | 31         | 16         | 1         |
| <b>3rd grade</b>                                | 22         | 36         | 14         | 6         |
| <b>4th grade</b>                                | 9          | 32         | 30         | 9         |
| <b>5th grade</b>                                | 13         | 30         | 21         | 13        |
| <b>TOTALS</b>                                   | <b>138</b> | <b>199</b> | <b>103</b> | <b>34</b> |



# Current Staff Demographics



## Certificated Staff Educ Work Experience by School

| Base Location Building Name | Years in Total | Years in District |
|-----------------------------|----------------|-------------------|
| ABBOTT ELEMENTARY           | 13.4           | 11.2              |
| ACKERMAN ELEMENTARY         | 17.6           | 15.2              |
| ALDRICH ELEMENTARY          | 16.4           | 12.9              |
| ANDERSEN MIDDLE SCHOOL      | 16.7           | 13.7              |
| BEADLE MIDDLE SCHOOL        | 14.9           | 11.9              |
| BLACK ELK ELEMENTARY        | 14.6           | 11.3              |
| BRYAN ELEMENTARY            | 17.1           | 12.9              |
| CATHER ELEMENTARY           | 14.8           | 11.9              |
| CENTRAL MIDDLE SCHOOL       | 13.9           | 10.6              |
| CODY ELEMENTARY             | 15.8           | 11.7              |
| COTTONWOOD ELEMENTARY       | 17.9           | 12.3              |
| DISNEY ELEMENTARY           | 13.0           | 8.8               |
| DON STROH ADMIN CTR         | 19.5           | 15.7              |
| EZRA MILLARD ELEMENTARY     | 13.9           | 10.6              |
| HARVEY OAKS ELEMENTARY      | 17.0           | 12.4              |
| HITCHCOCK ELEMENTARY        | 9.0            | 5.5               |
| HOLLINGHEIGHTS ELEMENTARY   | 13.9           | 11.4              |
| KEITH LUTZ HORIZON HS       | 15.7           | 10.0              |
| KIEWIT MIDDLE SCHOOL        | 15.6           | 11.6              |
| MISC LOCATION               | 20.0           | 20.0              |
| MONTCLAIR ELEMENTARY        | 14.0           | 11.2              |
| MORTON ELEMENTARY           | 13.1           | 11.4              |
| NEIHARDT ELEMENTARY         | 11.3           | 8.1               |
| NORRIS ELEMENTARY           | 14.9           | 10.9              |
| NORTH HIGH SCHOOL           | 15.5           | 11.8              |
| NORTH MIDDLE SCHOOL         | 12.7           | 10.0              |
| REAGAN ELEMENTARY           | 11.3           | 10.1              |
| REEDER ELEMENTARY           | 13.6           | 10.3              |
| ROCKWELL ELEMENTARY         | 16.1           | 13.3              |
| ROHWER ELEMENTARY           | 15.8           | 13.1              |
| RON WITT SSC                | 18.4           | 13.8              |
| RUSSELL MIDDLE SCHOOL       | 16.2           | 12.6              |
| SANDOZ ELEMENTARY           | 15.3           | 10.8              |
| SOUTH HIGH SCHOOL           | 14.7           | 11.3              |
| UPCHURCH ELEMENTARY         | 13.8           | 10.0              |
| WEST HIGH SCHOOL            | 16.7           | 12.6              |
| WHEELER ELEMENTARY          | 16.8           | 14.1              |
| WILLOWDALE ELEMENTARY       | 17.5           | 14.4              |
| YOUNG ADULT PRG-CMS ANNEX   | 15.9           | 11.9              |
| <b>Overall - Average</b>    | <b>15.2</b>    | <b>11.9</b>       |

### Certificated Staff Highest Degree by building

| Base Location Building Name | RN       | BSN      | BA         | MA          | DR        | EDS       | Total       |
|-----------------------------|----------|----------|------------|-------------|-----------|-----------|-------------|
| ABBOTT ELEMENTARY           | 0        | 0        | 8          | 19          | 1         | 0         | 28          |
| ACKERMAN ELEMENTARY         | 1        | 0        | 11         | 23          | 0         | 0         | 35          |
| ALDRICH ELEMENTARY          | 0        | 0        | 6          | 19          | 1         | 0         | 26          |
| ANDERSEN MIDDLE SCHOOL      | 0        | 0        | 15         | 51          | 2         | 0         | 68          |
| BEADLE MIDDLE SCHOOL        | 0        | 1        | 19         | 51          | 1         | 0         | 72          |
| BLACK ELK ELEMENTARY        | 0        | 0        | 10         | 24          | 0         | 0         | 34          |
| BRYAN ELEMENTARY            | 0        | 0        | 10         | 24          | 0         | 0         | 34          |
| CATHER ELEMENTARY           | 0        | 0        | 8          | 19          | 0         | 0         | 27          |
| CENTRAL MIDDLE SCHOOL       | 0        | 1        | 23         | 48          | 1         | 1         | 74          |
| CODY ELEMENTARY             | 0        | 0        | 12         | 21          | 0         | 0         | 33          |
| COTTONWOOD ELEMENTARY       | 0        | 0        | 7          | 25          | 0         | 0         | 32          |
| DISNEY ELEMENTARY           | 0        | 0        | 13         | 20          | 0         | 0         | 33          |
| DON STROH ADMIN CTR         | 0        | 0        | 2          | 7           | 12        | 2         | 23          |
| EZRA MILLARD ELEMENTARY     | 0        | 0        | 5          | 23          | 0         | 1         | 29          |
| HARVEY OAKS ELEMENTARY      | 0        | 0        | 3          | 18          | 0         | 0         | 21          |
| HITCHCOCK ELEMENTARY        | 0        | 0        | 10         | 14          | 2         | 0         | 26          |
| HOLLINGHEIGHTS ELEMENTARY   | 0        | 0        | 10         | 23          | 1         | 0         | 34          |
| KEITH LUTZ HORIZON HS       | 0        | 0        | 7          | 16          | 0         | 0         | 24          |
| KIEWIT MIDDLE SCHOOL        | 0        | 0        | 15         | 49          | 1         | 0         | 66          |
| MISC LOCATION               | 0        | 0        | 0          | 1           | 0         | 0         | 1           |
| MONTCLAIR ELEMENTARY        | 1        | 0        | 13         | 27          | 1         | 0         | 42          |
| MORTON ELEMENTARY           | 0        | 0        | 12         | 12          | 0         | 1         | 25          |
| NEIHARDT ELEMENTARY         | 0        | 0        | 14         | 27          | 1         | 1         | 43          |
| NORRIS ELEMENTARY           | 0        | 0        | 9          | 23          | 0         | 0         | 32          |
| NORTH HIGH SCHOOL           | 1        | 0        | 46         | 113         | 3         | 0         | 163         |
| NORTH MIDDLE SCHOOL         | 0        | 1        | 15         | 44          | 1         | 0         | 61          |
| REAGAN ELEMENTARY           | 0        | 0        | 12         | 22          | 0         | 0         | 34          |
| REEDER ELEMENTARY           | 0        | 0        | 10         | 28          | 0         | 0         | 38          |
| ROCKWELL ELEMENTARY         | 0        | 0        | 3          | 30          | 0         | 0         | 33          |
| ROHWER ELEMENTARY           | 0        | 0        | 8          | 27          | 0         | 0         | 35          |
| RON WITT SSC                | 0        | 0        | 1          | 21          | 6         | 22        | 50          |
| RUSSELL MIDDLE SCHOOL       | 0        | 1        | 10         | 46          | 1         | 0         | 58          |
| SANDOZ ELEMENTARY           | 0        | 0        | 8          | 29          | 1         | 0         | 38          |
| SOUTH HIGH SCHOOL           | 1        | 0        | 26         | 125         | 2         | 1         | 155         |
| UPCHURCH ELEMENTARY         | 0        | 0        | 8          | 27          | 2         | 0         | 37          |
| WEST HIGH SCHOOL            | 0        | 0        | 23         | 130         | 4         | 0         | 157         |
| WHEELER ELEMENTARY          | 0        | 0        | 11         | 29          | 1         | 0         | 41          |
| WILLOWDALE ELEMENTARY       | 0        | 0        | 6          | 26          | 0         | 0         | 32          |
| YOUNG ADULT PRG-CMS ANNEX   | 0        | 0        | 0          | 7           | 0         | 0         | 7           |
| <b>Overall - Total</b>      | <b>4</b> | <b>4</b> | <b>429</b> | <b>1288</b> | <b>45</b> | <b>29</b> | <b>1801</b> |

## Staff Turnover

| Staff Terminations September 1, 2017 through August 31, 2018 |          |            |          |          |           |           |           |           |
|--|----------|------------|----------|----------|-----------|-----------|-----------|-----------|
| Reason   | Admin    | Tchr       | Nurse    | PTS      | PTH       | Para      | Cust      | Fd Srv    |
| Continuing Education   |          | 1          |          |          | 1         | 4         | 2         | 1         |
| Contract Expired   |          | 2          |          |          |           |           |           |           |
| Deceased   |          | 2          |          |          |           |           |           | 1         |
| Employment Outside Education                                 |          | 3          | 1        |          | 2         | 12        | 3         | 11        |
| Personal / Family Reasons                                    |          | 13         | 1        |          | 2         | 11        |           | 6         |
| Personal Health  |          | 2          |          | 1        |           | 4         |           | 3         |
| Job Dissatisfaction  |          |            |          |          |           | 4         | 2         | 2         |
| Long-term Disability   |          | 1          |          |          |           |           | 1         |           |
| Miscellaneous Resignation                                    | 1        | 10         |          |          | 3         | 16        | 5         | 10        |
| Other Education Job  | 3        | 31         |          |          | 2         | 11        |           |           |
| Performance  |          |            |          |          |           |           |           |           |
| Relocation   |          | 16         | 1        | 1        | 1         | 3         |           | 1         |
| Resigned   |          | 2          |          |          | 1         | 1         |           |           |
| Retired  | 5        | 18         |          | 4        | 9         | 6         | 5         | 5         |
| Sabbatical Leave   |          |            |          |          |           |           |           |           |
| Unpaid Leave of Absence                                      |          |            |          |          |           |           |           |           |
| Reduction in Force   |          |            |          |          |           |           | 1         |           |
| <b>Total</b>   | <b>9</b> | <b>101</b> | <b>3</b> | <b>6</b> | <b>21</b> | <b>72</b> | <b>19</b> | <b>40</b> |
| Total as a % of 17-18 Staff                                  | 10.34%   | 5.83%      | 14%      | 11%      | 11%       | 17%       | 9.84%     | 28.17%    |

**History**

|           |        |       |       |        |        |        |        |        |
|-----------|--------|-------|-------|--------|--------|--------|--------|--------|
| 2016-2017 | 4.60%  | 6.58% | 14%   | 11%    | 11%    | 19%    | 8.81%  | 11.97% |
| 2015-2016 | 10.34% | 5.89% | 14%   | 14%    | 13%    | 19%    | 6.22%  | 14.79% |
| 2014-2015 | 1.00%  | 7.00% | 0.00% | 6.00%  | 4.90%  | 17.00% | 8.26%  | 10.00% |
| 2013-2014 | 5.70%  | 6.00% | 0.00% | 10.20% | 4.98%  | 15.10% | 11.90% | 13.30% |
| 2012-2013 | 8.00%  | 8.80% | 6.70% | 2.00%  | 11.00% | 18.30% | 7.30%  | 25.90% |
| 2011-2012 | 13.80% | 7.60% | 0.00% | 4.10%  | 9.30%  | 12.30% | 8.80%  | 9.60%  |
| 2010-2011 | 8.00%  | 6.80% | 6.70% | 6.10%  | 7.70%  | 9.10%  | 8.80%  | 6.60%  |
| 2009-2010 | 3.40%  | 6.70% | 6.70% | 4.10%  | 7.70%  | 11.90% | 5.70%  | 7.80%  |
| 2008-2009 | 6.90%  | 7.30% | 6.70% | 10.20% | 3.80%  | 10.90% | 9.30%  | 5.40%  |

# Staff Distribution History



## PERSONNEL REPORT

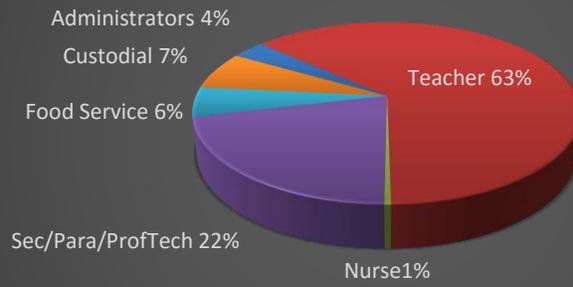
## Personnel Distribution History

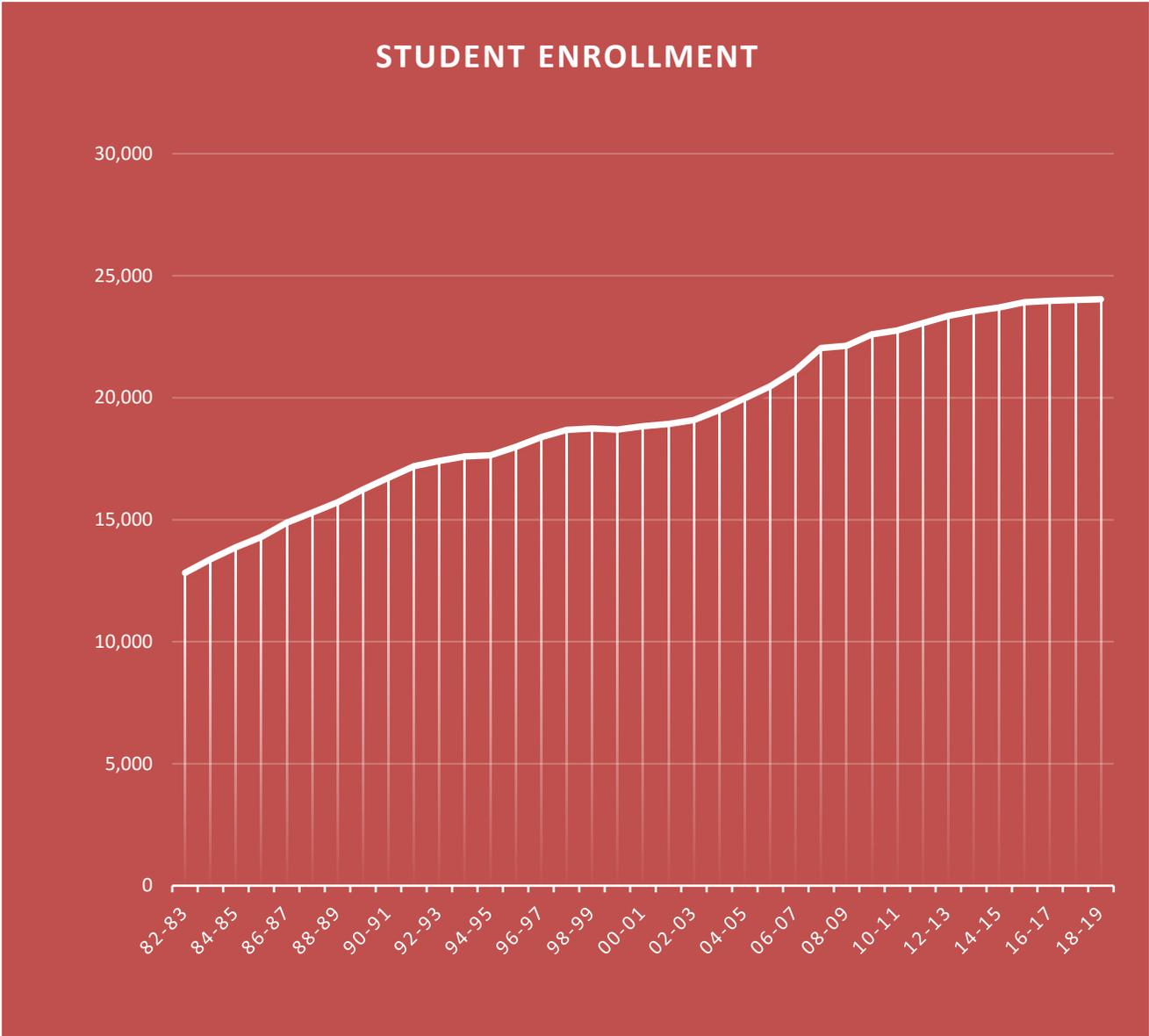
| School<br>Year | F.T.E. |      |     |       |     |     | Total<br>Staff | Total<br>Students | Ratios        |             |               |             |
|----------------|--------|------|-----|-------|-----|-----|----------------|-------------------|---------------|-------------|---------------|-------------|
|                | Adm    | Tch  | Nur | PT/EP | FS  | CM  |                |                   | Stu/<br>Staff | Stu/<br>Tea | Staff/<br>Adm | Tch/<br>Adm |
| 82-83          | 54     | 707  | 6   | 178   | 74  | 107 | 1,125          | 12,821            | 11.4          | 18.1        | 20.0          | 13.2        |
| 83-84          | 55     | 746  | 6   | 175   | 71  | 108 | 1,161          | 13,385            | 11.5          | 17.9        | 20.1          | 13.6        |
| 84-85          | 56     | 789  | 6   | 218   | 70  | 108 | 1,248          | 13,877            | 11.1          | 17.6        | 21.3          | 14.1        |
| 85-86          | 60     | 835  | 6   | 218   | 77  | 108 | 1,305          | 14,292            | 11.0          | 17.1        | 20.7          | 13.9        |
| 86-87          | 61     | 870  | 7   | 236   | 76  | 111 | 1,361          | 14,879            | 10.9          | 17.1        | 21.4          | 14.3        |
| 87-88          | 60     | 886  | 7   | 243   | 77  | 110 | 1,384          | 15,289            | 11.0          | 17.3        | 22.1          | 14.8        |
| 88-89          | 64     | 947  | 8   | 248   | 78  | 110 | 1,455          | 15,722            | 10.8          | 16.6        | 21.7          | 14.8        |
| 89-90          | 70     | 980  | 8   | 261   | 81  | 118 | 1,518          | 16,248            | 10.7          | 16.6        | 20.7          | 14.0        |
| 90-91          | 71     | 1012 | 8   | 276   | 81  | 119 | 1,567          | 16,728            | 10.7          | 16.5        | 21.1          | 14.3        |
| 91-92          | 74     | 1068 | 9   | 319   | 83  | 123 | 1,676          | 17,198            | 10.3          | 16.1        | 21.6          | 14.4        |
| 92-93          | 77     | 1115 | 9   | 333   | 83  | 126 | 1,742          | 17,411            | 10.0          | 15.6        | 21.8          | 14.6        |
| 93-94          | 82     | 1133 | 9   | 351   | 84  | 131 | 1,789          | 17,594            | 9.8           | 15.5        | 20.9          | 13.9        |
| 94-95          | 82     | 1191 | 10  | 377   | 94  | 139 | 1,894          | 17,637            | 9.3           | 14.8        | 22.2          | 14.6        |
| 95-96          | 82     | 1229 | 11  | 423   | 110 | 139 | 1,994          | 17,988            | 9.0           | 14.6        | 23.5          | 15.1        |
| 96-97          | 82     | 1254 | 12  | 441   | 115 | 135 | 2,038          | 18,380            | 9.0           | 14.7        | 23.9          | 15.3        |
| 97-98          | 77     | 1283 | 12  | 448   | 115 | 128 | 2,062          | 18,678            | 9.1           | 14.6        | 25.8          | 16.7        |
| 98-99          | 79     | 1317 | 12  | 502   | 117 | 149 | 2,176          | 18,736            | 8.6           | 14.2        | 26.5          | 16.7        |
| 99-00          | 80     | 1362 | 13  | 511   | 125 | 162 | 2,252          | 18,698            | 8.3           | 13.7        | 27.2          | 17.0        |
| 00-01          | 80     | 1394 | 13  | 541   | 137 | 162 | 2,327          | 18,828            | 8.1           | 13.5        | 28.1          | 17.4        |
| 01-02*         | 81     | 1446 | 13  | 473   | 115 | 166 | 2,293          | 18,917            | 8.2           | 13.1        | 27.3          | 17.9        |
| 02-03          | 81     | 1455 | 13  | 482   | 115 | 169 | 2,315          | 19,084            | 8.2           | 13.1        | 27.6          | 18.0        |
| 03-04          | 79     | 1460 | 13  | 485   | 119 | 167 | 2,323          | 19,497            | 8.4           | 13.4        | 28.4          | 18.5        |
| 04-05          | 82     | 1476 | 13  | 475   | 125 | 173 | 2,344          | 19,972            | 8.5           | 13.5        | 27.6          | 18.0        |
| 05-06          | 85     | 1529 | 14  | 494   | 127 | 182 | 2,432          | 20,469            | 8.4           | 13.4        | 27.6          | 18.0        |
| 06-07          | 85     | 1582 | 15  | 507   | 127 | 180 | 2,495          | 21,120            | 8.5           | 13.4        | 28.4          | 18.6        |
| 07-08          | 87     | 1633 | 15  | 510   | 132 | 188 | 2,581          | 22,041            | 8.6           | 13.5        | 28.5          | 18.8        |
| 08-09          | 88     | 1671 | 15  | 529   | 137 | 198 | 2,638          | 22,129            | 8.4           | 13.2        | 29.0          | 19.0        |
| 09-10          | 88     | 1693 | 15  | 539   | 139 | 201 | 2,675          | 22,593            | 8.4           | 13.3        | 29.4          | 19.2        |
| 10-11          | 90     | 1731 | 15  | 540   | 143 | 201 | 2,719          | 22,755            | 8.4           | 13.1        | 29.2          | 19.2        |
| 11-12          | 87     | 1712 | 15  | 540   | 143 | 201 | 2,719          | 23,050            | 8.5           | 13.5        | 30.0          | 19.7        |
| 12-13          | 86     | 1697 | 15  | 533   | 139 | 187 | 2,660          | 23,348            | 8.8           | 13.8        | 29.9          | 19.7        |
| 13-14          | 87     | 1706 | 15  | 540   | 139 | 190 | 2,677          | 23,550            | 8.8           | 13.8        | 29.8          | 19.6        |
| 14-15          | 88     | 1714 | 14  | 540   | 142 | 193 | 2,691          | 23,700            | 8.8           | 13.8        | 29.6          | 19.5        |
| 15-16          | 88     | 1701 | 14  | 551   | 139 | 194 | 2,687          | 23,914            | 8.9           | 14.1        | 29.5          | 19.3        |
| 16-17          | 87     | 1690 | 12  | 555   | 142 | 193 | 2,679          | 23,977            | 8.9           | 14.2        | 29.8          | 19.4        |
| 17-18          | 87     | 1683 | 11  | 550   | 144 | 184 | 2,659          | 24,004            | 9.0           | 14.3        | 29.6          | 19.3        |
| 18-19          | 86     | 1679 | 12  | 561   | 140 | 180 | 2,658          | 24,035            | 9.0           | 14.3        | 29.9          | 19.5        |

\* FTE for paras changed from 5.5 to 8 hours per day = 1 FTE

\* FTE for food service changed from 6.5 to 8 hours per day = 1 FTE

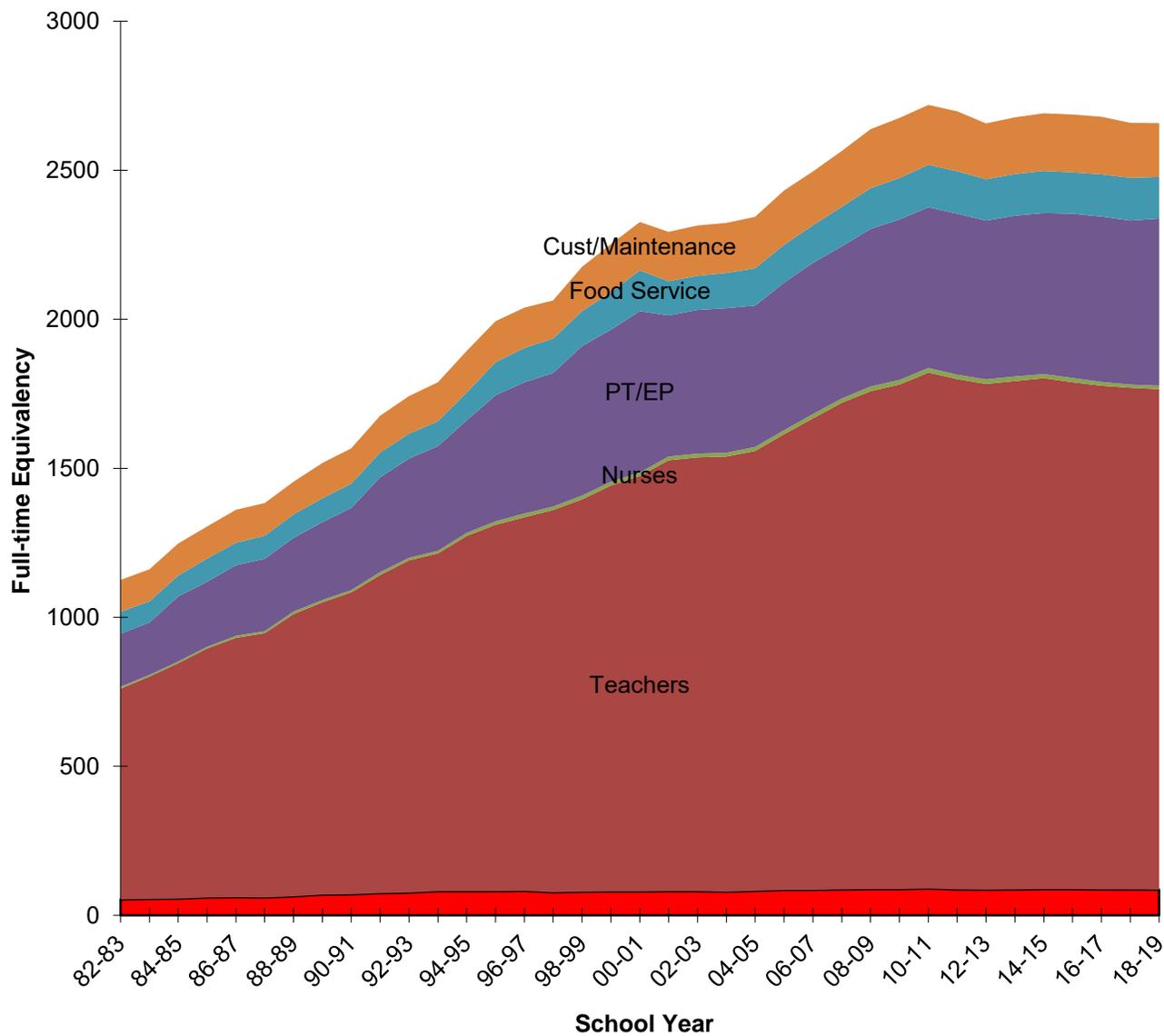
### Personnel Distribution 2018-2019



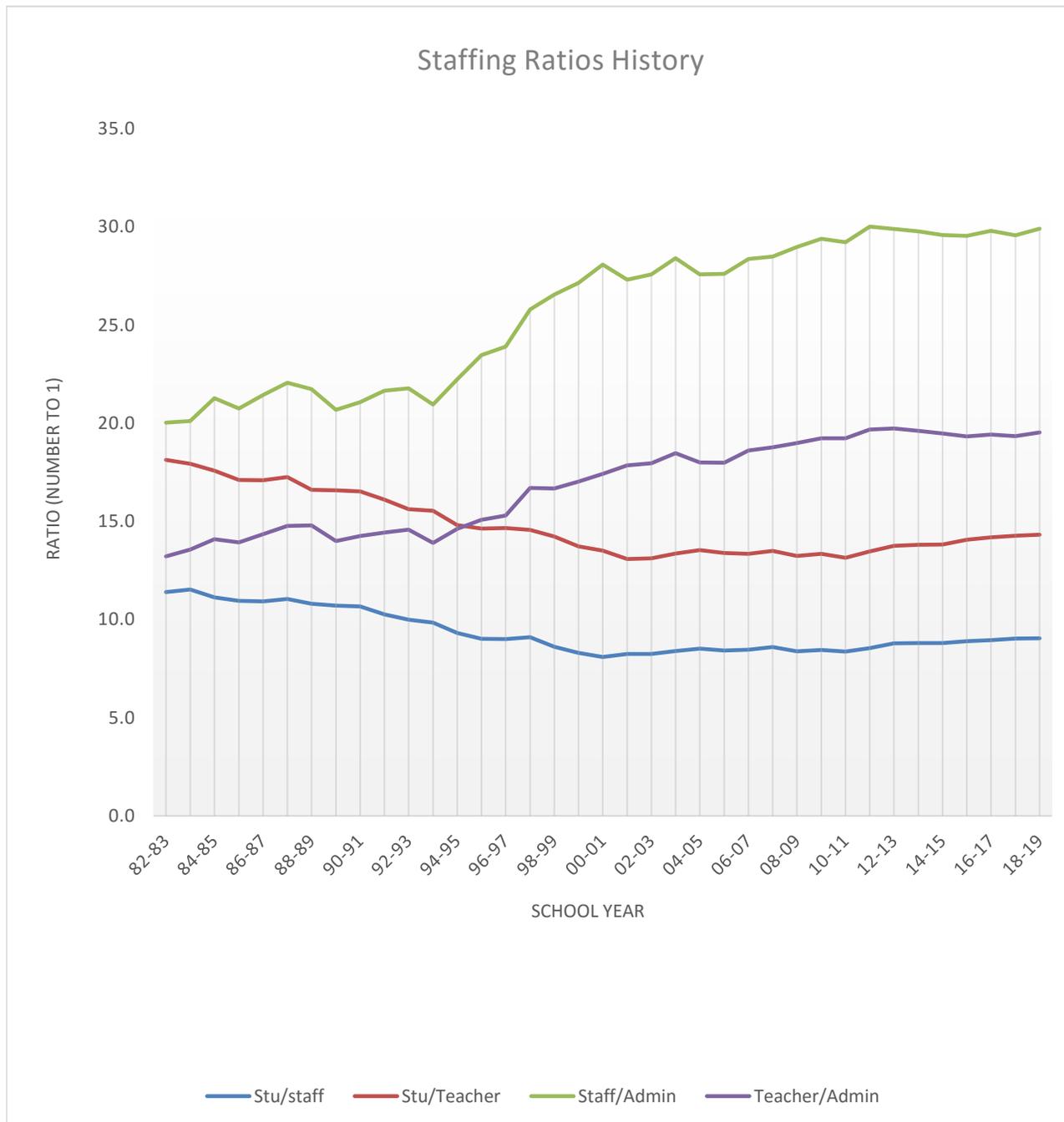


PERSONNEL REPORT

### Personnel Distribution History



PERSONNEL REPORT



### Teacher Retention for the Last 5 Years

| Year                         | 2013-14 |     | 2014-15 |      | 2015-16 |     | 2016-17 |     | 2017-18 |     |
|------------------------------|---------|-----|---------|------|---------|-----|---------|-----|---------|-----|
|                              | Rookie  | All | Rookie  | All  | Rookie  | All | Rookie  | All | Rookie  | All |
| # of New Hires               | 137     | 160 | 45      | 127  | 38      | 117 | 62      | 134 | 59      | 117 |
| # leaving end of 13-14       | 4       | 12  |         |      |         |     |         |     |         |     |
| # leaving end of 14-15       | 3       | 10  | 9       | 15   |         |     |         |     |         |     |
| # leaving end of 15-16       | 2       | 6   | 5       | 7    | 5       | 15  |         |     |         |     |
| # leaving end of 16-17       | 4       | 11  | 0       | 7    | 3       | 10  | 6       | 7   |         |     |
| # leaving end of 17-18       | 4       | 9   | 1       | 5    | 1       | 6   | 0       | 9   | 4       | 14  |
| First Year Retention Percent | 97%     | 93% | 100%    | 100% | 97%     | 95% | 90%     | 95% | 93%     | 88% |
| # Still on Contract Current  | 120     | 112 | 30      | 92   | 29      | 86  | 56      | 118 | 55      | 103 |
| Total Resignations Current   | 17      | 48  | 15      | 35   | 9       | 31  | 6       | 16  | 4       | 14  |
| Percent Retained Current     | 88%     | 70% | 67%     | 72%  | 76%     | 74% | 90%     | 88% | 93%     | 88% |

#### One Year Retention Glance (Hired and Resigned in 2017-18)

| Description               | Number    |
|---------------------------|-----------|
| Resigned Personal Reasons | 2         |
| Relocation                | 3         |
| Miscellaneous             | 3         |
| Other Education Job       | 6         |
| Retired                   | 0         |
| <b>Total Leaving</b>      | <b>14</b> |

## AGENDA SUMMARY SHEET

|   |   |
|---|---|
| <b>Agenda Item:</b>                         | International Baccalaureate Diploma Program Report  |
| <b>Meeting Date:</b>                        | November 19, 2018   |
| <b>Background/<br/>Description:</b>         | <p>In 2018 there were 45 IB Diploma candidates. Thirty-seven of the 2018 candidates, or 82%, earned the IB Diploma. The worldwide rate of passage in May 2017, the most recently published international data, was 78%.</p> <p>Millard North students scored passing or higher on 93% of the tests taken in 2018, Extended Essay and Theory of Knowledge included. Ninety-four junior and senior Diploma students completed 275 subject tests, 44 Extended Essay and 44 Theory of Knowledge exams in 2018.</p> <p>The average exam score of Millard North students who passed the diploma in 2018 was 5.09. Exams scored from 7 (excellent) to 1 (very poor), with 4 being the minimum passing. The international mean exam score in May 2017 was 4.81.</p> <p>Candidates must accumulate at least 24 points to be awarded the IB Diploma. The average number of Diploma points earned by Millard North IB Diploma students was 32 out of 45 possible. The international mean in May 2017 was 29.9.</p> |
| <b>Action Desired:</b>                      | Information Only  |
| <b>Policy/Strategic Plan<br/>Reference:</b> | The Strategic Plan calls to support instructional best practices and to ensure that all students are college and career ready.  |
| <b>Responsible Person(s):</b>               | Heather Phipps, Tony Weers & Kara Hutton  |

**Superintendent's Signature:**

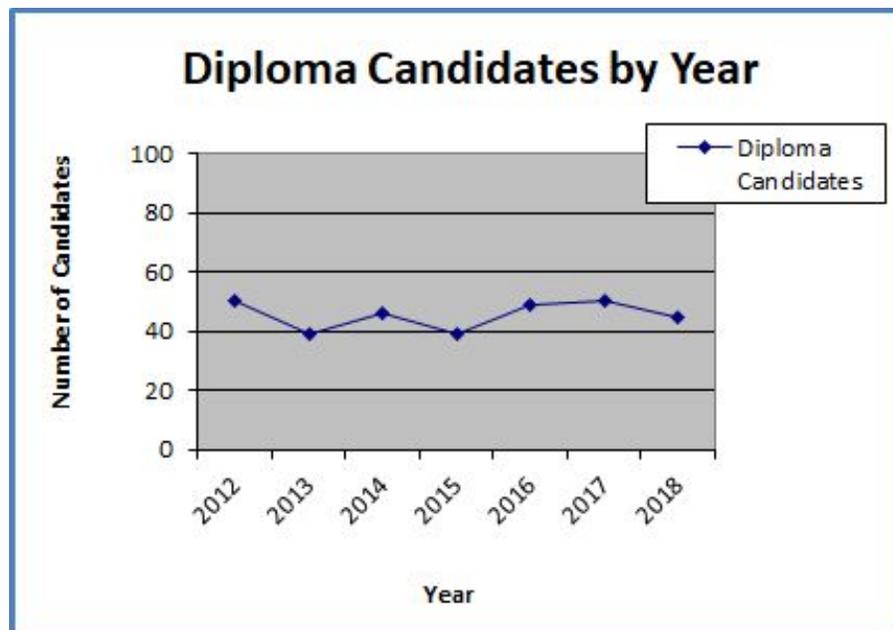


### Diploma Program Participation at Millard North High School

The International Baccalaureate Programs in Millard Public Schools culminate with the Diploma Program for 11<sup>th</sup> and 12<sup>th</sup> grade students at Millard North High School. This is a two-year diploma program that allows students to self-select into and out of the program. The diploma program focuses on students completing all requirements to receive the IB diploma.

Requirements include 6 subject exams, a Theory of Knowledge course, a research-based Extended Essay, and a Creativity, Action, and Service (CAS) component. CAS includes activities such as arts, sports, and service projects. This is in contrast to IB Diploma + certificate programs, in which students may take individual IB Diploma courses and exams with the aim of receiving a certificate for the successful completion of each exam much like Advanced Placement<sup>®</sup> (AP) courses and exams.

In 2017-2018 the fifteenth year of IB Diploma exams at Millard North, there were 45 “diploma candidates” in the Millard North IB Diploma program.



### IB Diploma Enrollment by School Year

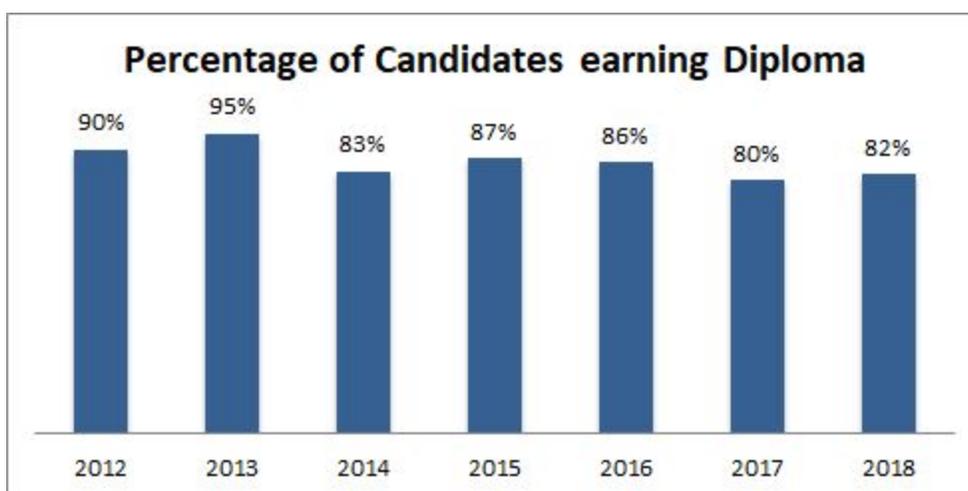
The number of ninth and tenth grade students intending to participate in the IB Diploma Program fluctuates; however, some attrition is normal and expected between the Middle Years Program and the Diploma Program. The majority of students who originally plan to pursue the IB Diploma, but who later change plans do so after 9<sup>th</sup> or 10<sup>th</sup> grade before actually beginning IB Diploma classes.

| <b>IB Diploma Program Enrollment by School Year</b>             |  |       |       |       |       |       |       |
|---|--|-------|-------|-------|-------|-------|-------|
| <b>Year</b>   | 11-12  | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 |
| <b>Grade</b>  | <i>Students Within Middle Years Program Intending to Enroll in the Diploma Program</i> |       |       |       |       |       |       |
| 9   | 71   | 100   | 116   | 100   | 77    | 112   | 95    |
| 10  | 62   | 77    | 84    | 82    | 91    | 58    | 82    |
|   | <i>Students Officially Participating in the Diploma Program</i>                        |       |       |       |       |       |       |
| 11  | 47   | 60    | 53    | 57    | 53    | 55    | 54    |
| 12  | 50   | 40    | 48    | 40    | 50    | 50    | 46*   |
| Retention Rate<br>11 <sup>th</sup> to 12 <sup>th</sup><br>Grade | 86%  | 85%   | 80%   | 75%   | 88%   | 94%   | 84%   |

\* One student withdrew from the program before testing.

### IB Diploma Results

In 2017-2018, Millard North had 45 IB Diploma candidates. Thirty-seven students or 82% successfully earned or were “awarded” the IB Diploma.



## Test Results

As part of the requirements to receive the IB diploma, each candidate must complete the coursework and exams in 6 subjects during their junior and senior years. The exams for each subject are taken on two successive days and may be in two or three separate tests, each one typically two hours in length. The subject exams fall into 2 levels, Standard Level (SL) and Higher Level (HL). Standard Level exams are taken after 1 year of coursework with the exception of World Languages which tests at the end of 5 years for French, German, and Spanish and at the end of 4 years for Latin. Higher Level exams follow 2 years of coursework.

Millard North had 94 students complete 363 subject tests, Theory of Knowledge tests, and Extended Essays in May 2018. Millard North students scored passing or higher on 339 which is 93%. Results by subject are shown in the following table.

| Millard North DP Subject Tests: May 2018 Results |             |                    |                               |    |    |    |   |   |   |   |
|--|-------------|--------------------|-------------------------------|----|----|----|---|---|---|---|
| Subject  | Level       | Students in Course | Student Score Distribution    |    |    |    |   |   |   | N |
|  |             |                    | 7                             | 6  | 5  | 4  | 3 | 2 | 1 |   |
| <b>English</b>                                   |             |                    |                               |    |    |    |   |   |   |   |
| English  | HL          | 44                 | 2                             | 11 | 20 | 11 | 0 | 0 | 0 | 0 |
| <b>Foreign Language</b>                          |             |                    |                               |    |    |    |   |   |   |   |
| French B   | SL          | 6                  | 0                             | 2  | 2  | 2  | 0 | 0 | 0 | 0 |
| German B   | SL          | 9                  | 0                             | 0  | 1  | 5  | 3 | 0 | 0 | 0 |
| Latin  | SL          | 1                  | 0                             | 0  | 0  | 0  | 1 | 0 | 0 | 0 |
| Spanish  | SL          | 30                 | 2                             | 16 | 11 | 1  | 0 | 0 | 0 | 0 |
| <b>Individuals and Society</b>                   |             |                    |                               |    |    |    |   |   |   |   |
| History  | HL          | 11                 | 0                             | 3  | 4  | 3  | 1 | 0 | 0 | 0 |
| History of Americas                              | SL          | 5                  | 0                             | 2  | 2  | 6  | 0 | 0 | 0 | 0 |
| Psychology                                       | SL          | 39                 | 0                             | 2  | 15 | 17 | 5 | 0 | 0 | 0 |
| <b>Experimental Sciences</b>                     |             |                    |                               |    |    |    |   |   |   |   |
| Biology  | HL          | 21                 | 0                             | 4  | 7  | 5  | 5 | 0 | 0 | 0 |
| Biology  | SL          | 7                  | 0                             | 1  | 4  | 2  | 0 | 0 | 0 | 0 |
| Chemistry  | HL          | 21                 | 0                             | 1  | 11 | 3  | 5 | 0 | 0 | 0 |
| Physics  | HL          | 10                 | 1                             | 3  | 2  | 1  | 3 | 0 | 0 | 0 |
| Physics  | SL          | 3                  | 1                             | 0  | 2  | 0  | 0 | 0 | 0 | 0 |
| <b>Mathematics</b>                               |             |                    |                               |    |    |    |   |   |   |   |
| Mathematics Studies                              | SL          | 13                 | 0                             | 2  | 6  | 5  | 0 | 0 | 0 | 0 |
| Mathematics                                      | HL          | 22                 | 0                             | 6  | 9  | 6  | 1 | 1 | 0 | 0 |
| Mathematics                                      | SL          | 12                 | 0                             | 1  | 5  | 3  | 3 | 0 | 0 | 1 |
| <b>Fine Arts/Electives</b>                       |             |                    |                               |    |    |    |   |   |   |   |
| Film   | HL          | 3                  | 0                             | 0  | 2  | 0  | 1 | 0 | 0 | 0 |
| Film   | SL          | 2                  | 0                             | 0  | 0  | 2  | 0 | 0 | 0 | 0 |
| Music Group Performance                          | SL          | 13                 | 2                             | 8  | 3  | 0  | 0 | 0 | 0 | 0 |
| Visual Arts Option A                             | HL          | 2                  | 0                             | 0  | 1  | 1  | 0 | 0 | 0 | 0 |
| Visual Arts                                      | SL          | 1                  | 0                             | 0  | 0  | 1  | 0 | 0 | 0 | 0 |
| <b>Score Scale:</b>                              |             |                    |                               |    |    |    |   |   |   |   |
| 7-Excellent                                      | 6-Very Good | 5-Good             | 4-Satisfactory (Minimum Pass) |    |    |    |   |   |   |   |
| 3-Mediocre                                       | 2-Poor      | 1-Very Poor        | N-Failure to Test             |    |    |    |   |   |   |   |

Exams are scored from 7 (excellent) to 1 (very poor), with 4 being the minimum passing score.

In the May 2018 subject tests, Millard North IB Diploma students' average scores were higher than the international averages in 16 of the 21, or 76%, of the subject areas examined. The distribution of the Millard North students' IB Diploma subject exam scores is shown in the following table. The average exam score for Millard North students was 5.09, as compared to the May 2017 international mean of 4.81.

| <b>International Baccalaureate Subject Tests</b> |              |                           |                  |                    |                           |                  |                    |                           |                  |                    |
|--|--------------|---------------------------|------------------|--------------------|---------------------------|------------------|--------------------|---------------------------|------------------|--------------------|
|  |              | <b>May 2018 Results</b>   |                  |                    | <b>May 2017 Results</b>   |                  |                    | <b>May 2016 Results</b>   |                  |                    |
| <b>Subject</b>                                   | <b>Level</b> | <b>Number of Students</b> | <b>MNHS Mean</b> | <b>Int'l Mean*</b> | <b>Number of Students</b> | <b>MNHS Mean</b> | <b>Int'l Mean*</b> | <b>Number of Students</b> | <b>MNHS Mean</b> | <b>Int'l Mean*</b> |
| <b>English</b>                                   |              |                           |                  |                    |                           |                  |                    |                           |                  |                    |
| English  | HL           | 44                        | 5.09             | 4.71               | 50                        | 4.78             | 4.79               | 49                        | 5.14             | 4.80               |
| <b>Foreign Language</b>                          |              |                           |                  |                    |                           |                  |                    |                           |                  |                    |
| French B   | HL           | 0                         |                  |                    | 0                         | 0                | -                  | 1                         | 5.00             | 5.27               |
| French B   | SL           | 6                         | 5.00             | 5.01               | 9                         | 4.78             | 4.97               | 7                         | 4.71             | 4.92               |
| German B   | SL           | 9                         | 4.78             | 5.13               | 5                         | 4.4              | 5.13               | 8                         | 4.38             | 5.05               |
| Latin  | SL           | 1                         | 3.00             | 3.92               | 6                         | 4.05             | 3.96               | 2                         | 4.00             | 3.76               |
| Spanish B  | SL           | 30                        | 5.63             | 5.07               | 30                        | 5.73             | 5.08               | 34                        | 5.50             | 5.07               |
| <b>Individuals and Society</b>                   |              |                           |                  |                    |                           |                  |                    |                           |                  |                    |
| History of the Americas                          | HL           | 11                        | 4.80             | 4.54               | 22                        | 5.09             | 4.18               | 21                        | 4.10             | 4.15               |
| History  | SL           | 5                         | 4.82             | 4.08               | 6                         | 5.0              | 4.6                | 7                         | 4.43             | 4.67               |
| Psychology                                       | SL           | 39                        | 5.36             | 4.36               | 34                        | 5.06             | 4.35               | 32                        | 4.19             | 4.32               |
| <b>Experimental Sciences</b>                     |              |                           |                  |                    |                           |                  |                    |                           |                  |                    |
| Biology  | HL           | 21                        | 4.48             | 4.34               | 29                        | 4.38             | 4.32               | 29                        | 4.48             | 4.32               |
| Biology  | SL           | 7                         | 5.86             | 4.22               | 10                        | 4.9              | 4.2                | 10                        | 4.60             | 4.24               |
| Chemistry  | HL           | 21                        | 4.40             | 4.45               | 10                        | 4.0              | 4.48               | 14                        | 3.64             | 4.47               |
| Physics  | HL           | 10                        | 4.80             | 4.64               | 11                        | 4.82             | 4.65               | 14                        | 4.07             | 4.60               |
| Physics  | SL           | 3                         | 5.67             | 4.05               | 7                         | 5.29             | 4.08               | 6                         | 4.83             | 4.04               |
| <b>Mathematics</b>                               |              |                           |                  |                    |                           |                  |                    |                           |                  |                    |
| Mathematical Studies                             | SL           | 13                        | 4.77             | 4.21               | 9                         | 5.11             | 4.3                | 16                        | 4.81             | 4.41               |
| Mathematics                                      | HL           | 22                        | 4.91             | 4.74               | 26                        | 4.65             | 4.72               | 15                        | 4.27             | 4.46               |
| Mathematics                                      | SL           | 12                        | 4.33             | 4.26               | 11                        | 4.9              | 4.37               | 19                        | 4.89             | 4.38               |
| <b>Fine Arts/Electives</b>                       |              |                           |                  |                    |                           |                  |                    |                           |                  |                    |
| Film   | HL           | 3                         | 4.33             | 4.45               | 5                         | 4.6              | 4.5                | 2                         | 5.00             | 4.32               |
| Film   | SL           | 2                         | 4.00             | 3.95               | 1                         | 6.               | 4.27               | 2                         | 4.50             | 4.12               |
| Music Group Performance                          | SL           | 13                        | 5.92             | 4.38               | 16                        | 4.63             | 4.26               | 13                        | 5.15             | 4.38               |
| Visual Arts                                      | HL           | 2                         | 4.50             | 4.48               | 2                         | 4.5              | 4.65               | 3                         | 4.67             | 4.78               |
| Visual Arts                                      | SL           | 1                         | 4.00             | 3.95               | 0                         | 0                | -                  | 2                         | 4.50             | 4.35               |
| Percentage above Int'l Mean                      |              |                           |                  | 76%                |                           |                  | 70%                |                           |                  | 59%                |

The "International Mean" is the mean of all IB Diploma students worldwide that tested in May, 2017 which is the most recent available data.

### Extended Essay and Theory of Knowledge

Additional requirements for the IB diploma include completion of an original research project called the Extended Essay (EE) and a 2-year Theory of Knowledge (TOK) course, culminating in an Essay on a topic chosen from ten prescribed prompts. These are in addition to the subject tests, and are graded from A (excellent) to E (elementary). A grade of D or better must be obtained on both the Extended Essay and the Theory of Knowledge Essay for a student to be eligible to receive the IB Diploma. In other words, D is the minimum passing grade.

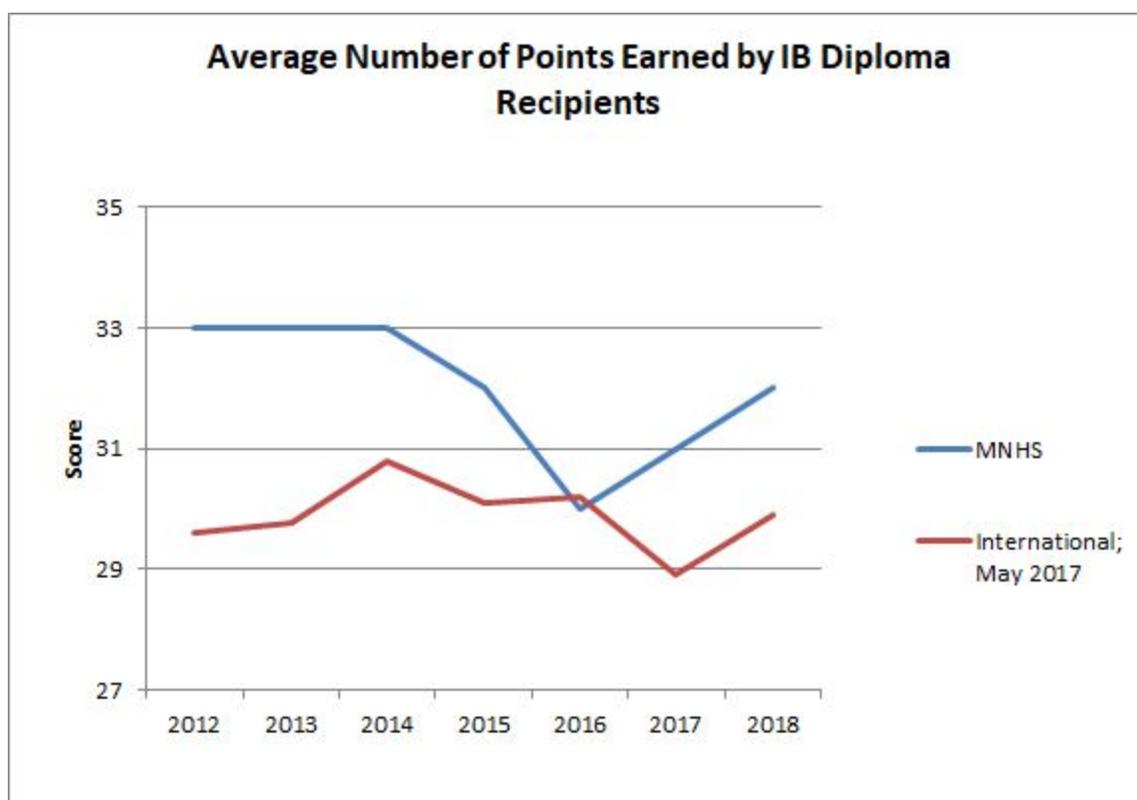
Grade distribution percentages are shown below for the 45 students that completed the IB Diploma Program in May 2018, with Millard North data from previous years included for comparison. In 2018, 75% of Millard North students earned a grade of a C or better on the Extended Essay (EE), as compared to 86% in 2017. Ninety-one percent of Millard North students taking the Theory of Knowledge Essay scored a C or better, compared to 90% in 2017. Passing scores of a D or better were received by 100% of Millard North Students on both essays in 2018.

| <b>Millard North IB May 2011 - 2016 EE and TOK Results</b> |   |          |          |          |          |
|--|---|----------|----------|----------|----------|
|  | <b>Student Score Distribution Percentages</b> |          |          |          |          |
| <b>Extended Essay</b>                                      | <b>A</b>                                      | <b>B</b> | <b>C</b> | <b>D</b> | <b>E</b> |
| <b>May 2018</b>  | 0%  | 23%      | 52%      | 18%      | 0%       |
| <b>May 2017</b>  | 12%   | 32%      | 42%      | 14%      | 0%       |
| <b>May 2016</b>  | 6%  | 29%      | 47%      | 18%      | 0%       |
| <b>May 2015</b>  | 5%  | 25.5%    | 44%      | 25.5%    | 0%       |
| <b>May 2014</b>  | 13%   | 17%      | 53%      | 17%      | 0%       |
| <b>May 2013</b>  | 46.2%   | 10.3%    | 33.3%    | 10.3%    | 0%       |
| <b>May 2012</b>  | 10%   | 34%      | 32%      | 22%      | 2%       |
|  |   |          |          |          |          |
| <b>Theory Of Knowledge</b>                                 | <b>A</b>                                      | <b>B</b> | <b>C</b> | <b>D</b> | <b>E</b> |
| <b>May 2018</b>  | 0%  | 34%      | 57%      | 9%       | 0%       |
| <b>May 2017</b>  | 0%  | 26%      | 64%      | 10%      | 0%       |
| <b>May 2016</b>  | 8%  | 35%      | 51%      | 6%       | 0%       |
| <b>May 2015</b>  | 0%  | 10%      | 77%      | 13%      | 0%       |
| <b>May 2014</b>  | 9%  | 24%      | 39%      | 28%      | 0%       |
| <b>May 2013</b>  | 10%   | 36%      | 46%      | 8%       | 0%       |
| <b>May 2012</b>  | 10%   | 34%      | 42%      | 12%      | 2%       |

### IB Diploma Points

IB Diploma candidates must earn at least 24 points to be awarded the IB Diploma. These points come primarily from the subject tests, with up to 3 possible extra points based on the student's grades on the Extended Essay and Theory of Knowledge Essay. The maximum possible point total is 45.

The average of IB Diploma points for all 37 students who received the IB Diploma during the 2017-2018 school year was 32 points. The international average in May 2017 was 29.9 points. The highest number of Diploma points earned by a Millard North Student in 2018 was 38.



**AGENDA SUMMARY SHEET**

**Agenda Item:** Enrollment Report (October 1)

**Meeting Date:** November 19, 2018

**Background/**

**Description:**

Enrollment data will be pulled four times over the course of the school year and reported to the Millard Board of Education for public record. Enrollment data is stored in our student information system, Infinite Campus.

**Action Desired:** Information / Discussion

**Policy /**

**Strategic Plan**

**Reference:**

**Responsible**

**Person(s):** Dr. Darin Kelberlau and Sharon Freeman

**Superintendent's Signature:**



**October 1, 2018  
Millard Public Schools  
Total Enrollment**

| Elementary               | K           | 1           | 2           | 3           | 4           | 5           | SpEd         | Current       | Current   | YTD      | Official 17/18 |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|-----------|----------|----------------|
|                          |             |             |             |             |             |             | Cluster Prgm | Total         | Change    | Change   | Enrollment     |
| Abbott (3 unit)          | 70          | 71          | 84          | 67          | 78          | 79          |              | 449           | 3         | -        | 454            |
| Ackerman (4 unit)        | 92          | 88          | 87          | 85          | 93          | 71          |              | 516           | 0         | -        | 478            |
| Aldrich (3 unit)         | 90          | 68          | 76          | 74          | 73          | 80          |              | 461           | 0         | -        | 470            |
| Black Elk (4 unit)       | 102         | 104         | 82          | 94          | 100         | 88          |              | 570           | 1         | -        | 520            |
| Bryan (3 unit)           | 54          | 53          | 56          | 55          | 64          | 59          |              | 341           | 1         | -        | 346            |
| Cather (3 unit)          | 55          | 67          | 63          | 73          | 72          | 68          |              | 398           | 0         | -        | 404            |
| Cody (2 unit)            | 36          | 38          | 38          | 37          | 30          | 35          | 14           | 228           | 2         | -        | 219            |
| Cottonwood (3 unit)      | 55          | 59          | 47          | 47          | 50          | 48          | 13           | 319           | 5         | -        | 319            |
| Disney (3 unit)          | 62          | 61          | 60          | 66          | 50          | 53          | 11           | 363           | 1         | -        | 343            |
| Ezra Millard (3 unit)    | 68          | 89          | 75          | 93          | 64          | 77          |              | 466           | 1         | -        | 474            |
| Harvey Oaks (2 unit)     | 46          | 46          | 51          | 54          | 47          | 40          |              | 284           | 0         | -        | 283            |
| Hitchcock (2 unit)       | 39          | 51          | 46          | 42          | 46          | 39          |              | 263           | 0         | -        | 260            |
| Holling Heights (3 unit) | 53          | 63          | 56          | 47          | 51          | 67          | 8            | 345           | 5         | -        | 365            |
| Montclair (4 unit)       | 107         | 100         | 95          | 100         | 92          | 91          |              | 585           | 2         | -        | 560            |
| Morton (3 unit)          | 42          | 53          | 33          | 52          | 44          | 61          | 12           | 297           | -3        | -        | 289            |
| Neihardt (4 unit)        | 83          | 87          | 90          | 103         | 113         | 101         |              | 577           | 1         | -        | 575            |
| Norris (3 unit)          | 50          | 53          | 57          | 54          | 64          | 61          |              | 339           | -4        | -        | 356            |
| Reagan (4 unit)          | 86          | 93          | 101         | 86          | 103         | 98          |              | 567           | 0         | -        | 541            |
| Reeder (4 unit)          | 82          | 93          | 76          | 123         | 109         | 99          |              | 582           | 2         | -        | 611            |
| Rockwell (3 unit)        | 40          | 37          | 32          | 41          | 46          | 44          | 15           | 255           | -3        | -        | 266            |
| Rohwer (3 unit)          | 93          | 59          | 97          | 65          | 89          | 93          | 11           | 507           | -3        | -        | 515            |
| Sandoz (3 unit)          | 62          | 49          | 51          | 46          | 59          | 58          |              | 325           | 0         | -        | 304            |
| Upchurch (3 unit)        | 53          | 76          | 87          | 77          | 90          | 88          |              | 471           | 0         | -        | 517            |
| Wheeler (4 unit)         | 97          | 80          | 84          | 91          | 92          | 78          | 19           | 541           | 3         | -        | 536            |
| Willowdale (3 unit)      | 70          | 74          | 80          | 74          | 75          | 86          |              | 459           | 2         | -        | 432            |
| <b>Totals</b>            | <b>1687</b> | <b>1712</b> | <b>1704</b> | <b>1746</b> | <b>1794</b> | <b>1762</b> | <b>103</b>   | <b>10,508</b> | <b>16</b> | <b>-</b> | <b>10,437</b>  |

| Middle        | 6           | 7           | 8           | SpEd Prgm* | Current Total | Current Change | YTD Change | Official 17/18 Enrollment |
|---------------|-------------|-------------|-------------|------------|---------------|----------------|------------|---------------------------|
| Andersen MS   | 322         | 311         | 309         | 11         | 942           | 0              | -          | 932                       |
| Beadle MS     | 300         | 343         | 311         | 23         | 954           | 7              | -          | 976                       |
| Central MS    | 276         | 288         | 267         | 19         | 831           | -10            | -          | 944                       |
| Kiewit MS     | 325         | 321         | 322         | 0          | 968           | 3              | -          | 977                       |
| North MS      | 236         | 277         | 271         | 15         | 784           | -4             | -          | 805                       |
| Russell MS    | 228         | 258         | 279         | 0          | 765           | -6             | -          | 779                       |
| <b>Totals</b> | <b>1687</b> | <b>1798</b> | <b>1759</b> | <b>68</b>  | <b>5,244</b>  | <b>-10</b>     | <b>-</b>   | <b>5,413</b>              |

| High          | Grads YTD | 9           | 10          | 11          | 12          | SpEd Prgm* | Current Total | Current Change | YTD Change | Official 17/18 Enrollment |
|---------------|-----------|-------------|-------------|-------------|-------------|------------|---------------|----------------|------------|---------------------------|
| North HS      |           | 644         | 625         | 633         | 588         | 37         | 2490          | -8             | -          | 2476                      |
| South HS      |           | 654         | 599         | 591         | 559         | 38         | 2403          | -4             | -          | 2250                      |
| West HS       |           | 574         | 589         | 602         | 646         | 32         | 2411          | 3              | -          | 2469                      |
| Horizon HS    |           | 0           | 7           | 25          | 98          | 0          | 130           | -6             | -          | 134                       |
| <b>Totals</b> |           | <b>1872</b> | <b>1820</b> | <b>1851</b> | <b>1891</b> | <b>107</b> | <b>7,434</b>  | <b>-15</b>     | <b>-</b>   | <b>7,329</b>              |

**\*SpEd Program Included in MS/HS Grade Level totals**

|                                 |               |           |          |               |
|---------------------------------|---------------|-----------|----------|---------------|
| Contracted SpEd                 | 55            | 4         | -        | 53            |
| Rule 18 Interim                 | 11            | 2         | -        | 15            |
| Young Adult Program             | 55            | 0         | -        | 47            |
| Ombudsman (Primary)             | 13            | -2        | -        | 16            |
| <b>Total District K-12</b>      | <b>23,320</b> | <b>-5</b> | <b>-</b> | <b>23,310</b> |
| <b>Total District PreK-12**</b> | <b>24,061</b> | <b>26</b> | <b>-</b> | <b>23,992</b> |

\*\*Itinerant, Contracted, & Sixpence Pre-K in Official 17/18 Enrollment: **64**

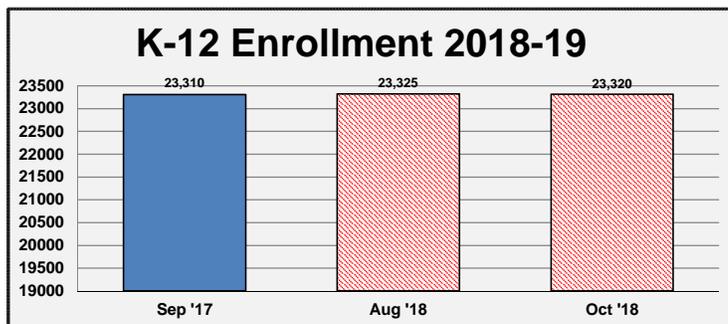
\*\*Itinerant, Contracted, & Sixpence Pre-K in Current Enrollment: **66**

| Preschool            | SpEd | Not SpEd | Total      | Official 17/18 |
|----------------------|------|----------|------------|----------------|
| Bryan                | 14   | 17       | 31         | 32             |
| Cody                 | 28   | 42       | 70         | 58             |
| Cottonwood           | 31   | 21       | 52         | 47             |
| Disney               | 3    | 11       | 14         |                |
| Hitchcock            | 21   | 22       | 43         | 42             |
| Holling Heights      | 3    | 12       | 15         | 16             |
| Montclair Montessori | 3    | 78       | 81         | 85             |
| Neihardt             | 16   | 33       | 49         | 52             |
| Norris               | 2    | 9        | 11         | 18             |
| Norris Montessori    | 0    | 28       | 28         | 24             |
| Rockwell             | 26   | 33       | 59         | 57             |
| Sandoz               | 16   | 24       | 40         | 52             |
| Wheeler              | 26   | 24       | 50         | 45             |
| Homebased Infants    | 132  | 0        | 132        | 90             |
| <b>TOTAL</b>         |      |          | <b>675</b> | <b>618</b>     |

| 10/1/2018            |               |
|----------------------|---------------|
| Elementary           | 10,508        |
| Middle School        | 5,244         |
| High School          | 7,434         |
| Contracted & Rule 18 | 66            |
| Young Adult          | 55            |
| Ombudsman (Primary)  | 13            |
| <b>TOTAL</b>         | <b>23,320</b> |

| 9/30/2017            |               |
|----------------------|---------------|
| Elementary           | 10,437        |
| Middle School        | 5,413         |
| High School          | 7,329         |
| Contracted & Rule 18 | 68            |
| Young Adult          | 47            |
| Ombudsman (Primary)  | 16            |
| <b>TOTAL</b>         | <b>23,310</b> |

| Career Academies | NHS                                | SHS | WHS | HHS | TOTAL |
|------------------|------------------------------------|-----|-----|-----|-------|
| Education        | 6                                  | 8   | 31  |     | 45    |
| Entrepreneurship | 7                                  | 10  | 24  |     | 41    |
| Health Sciences  | 23                                 | 19  | 75  |     | 117   |
| Dist/Log Mgmt    | 2                                  | 9   | 13  |     | 24    |
| Ombudsman        | (Primary and Secondary Assignment) |     |     |     | 15    |



| Elementary     |      | Classroom Enrollment |      |      |      |      |      | Current Total | Current Change | YTD Change | Official 17/18 Enrollment | Class Size w/out SpEd |
|----------------|------|----------------------|------|------|------|------|------|---------------|----------------|------------|---------------------------|-----------------------|
|                | K    | 1                    | 2    | 3    | 4    | 5    |      |               |                |            |                           |                       |
| Abbott         | 24   | 24                   | 21   | 23   | 26   | 27   |      |               |                |            |                           |                       |
|                | 23   | 23                   | 21   | 22   | 25   | 25   |      |               |                |            |                           |                       |
|                | 23   | 24                   | 21   | 22   | 27   | 27   |      |               |                |            |                           |                       |
|                |      |                      | 21   |      |      |      |      |               |                |            |                           |                       |
| Total Students | 70   | 71                   | 84   | 67   | 78   | 79   | 449  | 3             | -              | 454        | 449                       |                       |
| Total Teachers | 3    | 3                    | 4    | 3    | 3    | 3    | 19   |               |                |            | 19                        |                       |
| Classroom Avg  | 23.3 | 23.7                 | 21.0 | 22.0 | 26.0 | 26.3 | 23.6 |               |                |            | 23.6                      |                       |

|                | K    | 1    | 2    | 3    | 4    | 5    | Current Total | Current Change | YTD Change | Official 17/18 Enrollment | Class Size w/out SpEd |
|----------------|------|------|------|------|------|------|---------------|----------------|------------|---------------------------|-----------------------|
| Ackerman       | 23   | 22   | 21   | 21   | 22   | 24   |               |                |            |                           |                       |
|                | 23   | 22   | 22   | 22   | 24   | 24   |               |                |            |                           |                       |
|                | 23   | 22   | 22   | 20   | 24   | 23   |               |                |            |                           |                       |
|                | 23   | 22   | 22   | 22   | 23   |      |               |                |            |                           |                       |
| Total Students | 92   | 88   | 87   | 85   | 93   | 71   | 516           | 0              | -          | 478                       | 516                   |
| Total Teachers | 4    | 4    | 4    | 4    | 4    | 3    | 23            |                |            |                           | 23                    |
| Classroom Avg  | 23.0 | 22.0 | 21.8 | 21.3 | 23.3 | 23.7 | 22.4          |                |            |                           | 22.4                  |

|                | K    | 1    | 2    | 3    | 4    | 5    | Current Total | Current Change | YTD Change | Official 17/18 Enrollment | Class Size w/out SpEd |
|----------------|------|------|------|------|------|------|---------------|----------------|------------|---------------------------|-----------------------|
| Aldrich        | 23   | 23   | 26   | 25   | 25   | 27   |               |                |            |                           |                       |
|                | 23   | 22   | 25   | 24   | 24   | 27   |               |                |            |                           |                       |
|                | 21   | 23   | 25   | 25   | 24   | 26   |               |                |            |                           |                       |
|                | 23   |      |      |      |      |      |               |                |            |                           |                       |
| Total Students | 90   | 68   | 76   | 74   | 73   | 80   | 461           | 0              | -          | 470                       | 461                   |
| Total Teachers | 4    | 3    | 3    | 3    | 3    | 3    | 19            |                |            |                           | 19                    |
| Classroom Avg  | 22.5 | 22.7 | 25.0 | 24.7 | 24.3 | 26.7 | 24.3          |                |            |                           | 24.3                  |

|                | K    | 1    | 2    | 3    | 4    | 5    | Current Total | Current Change | YTD Change | Official 17/18 Enrollment | Class Size w/out SpEd |
|----------------|------|------|------|------|------|------|---------------|----------------|------------|---------------------------|-----------------------|
| Black Elk      | 26   | 26   | 21   | 23   | 25   | 22   |               |                |            |                           |                       |
|                | 25   | 26   | 22   | 23   | 25   | 22   |               |                |            |                           |                       |
|                | 26   | 26   | 20   | 24   | 25   | 22   |               |                |            |                           |                       |
|                | 25   | 26   | 19   | 24   | 25   | 22   |               |                |            |                           |                       |
| Total Students | 102  | 104  | 82   | 94   | 100  | 88   | 570           | 1              | -          | 520                       | 570                   |
| Total Teachers | 4    | 4    | 4    | 4    | 4    | 4    | 24            |                |            |                           | 24                    |
| Classroom Avg  | 25.5 | 26.0 | 20.5 | 23.5 | 25.0 | 22.0 | 23.8          |                |            |                           | 23.8                  |

|                | K    | 1    | 2    | 3    | 4    | 5    | Current Total | Current Change | YTD Change | Official 17/18 Enrollment | Class Size w/out SpEd |
|----------------|------|------|------|------|------|------|---------------|----------------|------------|---------------------------|-----------------------|
| Bryan          | 19   | 17   | 18   | 18   | 22   | 19   |               |                |            |                           |                       |
|                | 17   | 18   | 19   | 19   | 21   | 20   |               |                |            |                           |                       |
|                | 18   | 18   | 19   | 18   | 21   | 20   |               |                |            |                           |                       |
| Total Students | 54   | 53   | 56   | 55   | 64   | 59   | 341           | 1              | -          | 346                       | 341                   |
| Total Teachers | 3    | 3    | 3    | 3    | 3    | 3    | 18            |                |            |                           | 18                    |
| Classroom Avg  | 18.0 | 17.7 | 18.7 | 18.3 | 21.3 | 19.7 | 18.9          |                |            |                           | 18.9                  |

|                | K | 1 | 2 | 3 | 4 | 5 | C-K  | C-1  | C-2  | C-3  | C-4  | C-5  | Current Total | Current Change | YTD Change | Official 17/18 Enrollment | Class Size w/out SpEd |
|----------------|---|---|---|---|---|---|------|------|------|------|------|------|---------------|----------------|------------|---------------------------|-----------------------|
| Cather         |   |   |   |   |   |   | 18   | 22   | 21   | 25   | 23   | 23   |               |                |            |                           |                       |
|                |   |   |   |   |   |   | 18   | 23   | 22   | 24   | 25   | 23   |               |                |            |                           |                       |
|                |   |   |   |   |   |   | 19   | 22   | 20   | 24   | 24   | 22   |               |                |            |                           |                       |
| Total Students | 0 | 0 | 0 | 0 | 0 | 0 | 55   | 67   | 63   | 73   | 72   | 68   | 398           | 0              | -          | 404                       | 398                   |
| Total Teachers | 0 | 0 | 0 | 0 | 0 | 0 | 3    | 3    | 3    | 3    | 3    | 3    | 18            |                |            |                           | 18                    |
| Classroom Avg  |   |   |   |   |   |   | 18.3 | 22.3 | 21.0 | 24.3 | 24.0 | 22.7 | 22.1          |                |            |                           | 22.1                  |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd Cluster | Current Total | Current Change | YTD Change | Official 17/18 Enrollment | Class Size w/out SpEd |
|----------------|------|------|------|------|------|------|--------------|---------------|----------------|------------|---------------------------|-----------------------|
| Cody           | 18   | 19   | 19   | 18   | 15   | 17   | 7            |               |                |            |                           |                       |
|                | 18   | 19   | 19   | 19   | 15   | 18   | 7            |               |                |            |                           |                       |
| Total Students | 36   | 38   | 38   | 37   | 30   | 35   | 14           | 228           | 2              | -          | 219                       | 214                   |
| Total Teachers | 2    | 2    | 2    | 2    | 2    | 2    | 2            | 14            |                |            |                           | 12                    |
| Classroom Avg  | 18.0 | 19.0 | 19.0 | 18.5 | 15.0 | 17.5 | 7.0          | 16.3          |                |            |                           | 17.8                  |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd Cluster | Current Total | Current Change | YTD Change | Official 17/18 Enrollment | Class Size w/out SpEd |
|----------------|------|------|------|------|------|------|--------------|---------------|----------------|------------|---------------------------|-----------------------|
| Cottonwood     | 18   | 19   | 23   | 25   | 25   | 24   | 7            |               |                |            |                           |                       |
|                | 18   | 19   | 24   | 22   | 25   | 24   | 6            |               |                |            |                           |                       |
|                | 19   | 21   |      |      |      |      |              |               |                |            |                           |                       |
| Total Students | 55   | 59   | 47   | 47   | 50   | 48   | 13           | 319           | 5              | -          | 319                       | 306                   |
| Total Teachers | 3    | 3    | 2    | 2    | 2    | 2    | 2            | 16            |                |            |                           | 14                    |
| Classroom Avg  | 18.3 | 19.7 | 23.5 | 23.5 | 25.0 | 24.0 | 6.5          | 19.9          |                |            |                           | 21.9                  |

|                | K    | 1    | 2    | 3    | 4    | 5    | C-K  | C-1  | C-2  | SpEd Cluster | Current Total | Current Change | YTD Change | Official 17/18 Enrollment | Class Size w/out SpEd |
|----------------|------|------|------|------|------|------|------|------|------|--------------|---------------|----------------|------------|---------------------------|-----------------------|
| Disney         | 21   | 16   | 20   | 22   | 25   | 26   | 21   | 22   | 21   | 5            |               |                |            |                           |                       |
|                | 20   | 23   | 19   | 22   | 25   | 27   |      |      |      | 6            |               |                |            |                           |                       |
|                |      |      |      | 22   |      |      |      |      |      |              |               |                |            |                           |                       |
| Total Students | 41   | 39   | 39   | 66   | 50   | 53   | 21   | 22   | 21   | 11           | 363           | 1              | -          | 343                       | 288                   |
| Total Teachers | 2    | 2    | 2    | 3    | 2    | 2    | 1    | 1    | 1    | 2            | 18            |                |            |                           | 13                    |
| Classroom Avg  | 20.5 | 19.5 | 19.5 | 22.0 | 25.0 | 26.5 | 21.0 | 22.0 | 21.0 | 5.5          | 20.2          |                |            |                           | 22.2                  |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              |                             |
| Ezra Millard   | 22   | 21   | 25   | 23   | 21   | 26   |                 |                  |                   |               |                              |                             |
|                | 23   | 23   | 25   | 23   | 22   | 26   |                 |                  |                   |               |                              |                             |
|                | 23   | 23   | 25   | 24   | 21   | 25   |                 |                  |                   |               |                              |                             |
|                |      | 22   |      | 23   |      |      |                 |                  |                   |               |                              |                             |
| Total Students | 68   | 89   | 75   | 93   | 64   | 77   |                 | 466              | 1                 | -             | 474                          | 466                         |
| Total Teachers | 3    | 4    | 3    | 4    | 3    | 3    |                 | 20               |                   |               |                              | 20                          |
| Classroom Avg  | 22.7 | 22.3 | 25.0 | 23.3 | 21.3 | 25.7 |                 | 23.3             |                   |               |                              | 23.3                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              |                             |
| Harvey Oaks    | 22   | 22   | 26   | 27   | 23   | 19   |                 |                  |                   |               |                              |                             |
|                | 24   | 24   | 25   | 27   | 24   | 21   |                 |                  |                   |               |                              |                             |
| Total Students | 46   | 46   | 51   | 54   | 47   | 40   |                 | 284              | 0                 | -             | 283                          | 284                         |
| Total Teachers | 2    | 2    | 2    | 2    | 2    | 2    |                 | 12               |                   |               |                              | 12                          |
| Classroom Avg  | 23.0 | 23.0 | 25.5 | 27.0 | 23.5 | 20.0 |                 | 23.7             |                   |               |                              | 23.7                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              |                             |
| Hitchcock      | 21   | 25   | 23   | 21   | 23   | 18   |                 |                  |                   |               |                              |                             |
|                | 18   | 26   | 23   | 21   | 23   | 21   |                 |                  |                   |               |                              |                             |
| Total Students | 39   | 51   | 46   | 42   | 46   | 39   |                 | 263              | 0                 | -             | 260                          | 263                         |
| Total Teachers | 2    | 2    | 2    | 2    | 2    | 2    |                 | 12               |                   |               |                              | 12                          |
| Classroom Avg  | 19.5 | 25.5 | 23.0 | 21.0 | 23.0 | 19.5 |                 | 21.9             |                   |               |                              | 21.9                        |

|                 | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|-----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                 |      |      |      |      |      |      |                 |                  |                   |               |                              |                             |
| Holling Heights | 18   | 22   | 20   | 17   | 17   | 22   | 1               |                  |                   |               |                              |                             |
|                 | 18   | 23   | 18   | 14   | 17   | 22   | 7               |                  |                   |               |                              |                             |
|                 | 17   | 18   | 18   | 16   | 17   | 23   |                 |                  |                   |               |                              |                             |
| Total Students  | 53   | 63   | 56   | 47   | 51   | 67   | 8               | 345              | 5                 | -             | 365                          | 337                         |
| Total Teachers  | 3    | 3    | 3    | 3    | 3    | 3    | 2               | 20               |                   |               |                              | 18                          |
| Classroom Avg   | 17.7 | 21.0 | 18.7 | 15.7 | 17.0 | 22.3 | 4.0             | 17.3             |                   |               |                              | 18.7                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | M-K  | M1-3 | M4-5 | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |      |      |      |                 |                  |                   |               |                              |                             |
| Montclair      | 21   | 26   | 23   | 19   | 24   | 25   | 16   | 23   | 22   |                 |                  |                   |               |                              |                             |
|                | 21   | 26   | 25   | 13   | 25   | 24   | 16   | 25   | 21   |                 |                  |                   |               |                              |                             |
|                | 17   |      |      | 21   |      |      | 16   | 24   | 21   |                 |                  |                   |               |                              |                             |
|                |      |      |      |      |      |      |      | 23   | 21   |                 |                  |                   |               |                              |                             |
|                |      |      |      |      |      |      |      | 24   |      |                 |                  |                   |               |                              |                             |
|                |      |      |      |      |      |      |      | 23   |      |                 |                  |                   |               |                              |                             |
| Total Students | 59   | 52   | 48   | 53   | 49   | 49   | 48   | 142  | 85   |                 | 585              | 2                 | -             | 560                          | 585                         |
| Total Teachers | 3    | 2    | 2    | 3    | 2    | 2    | 3    | 6    | 4    |                 | 27               |                   |               |                              | 27                          |
| Classroom Avg  | 19.7 | 26.0 | 24.0 | 17.7 | 24.5 | 24.5 | 16.0 | 23.7 | 21.3 |                 | 21.7             |                   |               |                              | 21.7                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              |                             |
| Morton         | 21   | 16   | 15   | 26   | 23   | 19   | 7               |                  |                   |               |                              |                             |
|                | 21   | 19   | 18   | 26   | 21   | 21   | 5               |                  |                   |               |                              |                             |
|                |      | 18   |      |      |      | 21   |                 |                  |                   |               |                              |                             |
| Total Students | 42   | 53   | 33   | 52   | 44   | 61   | 12              | 297              | -3                | -             | 289                          | 285                         |
| Total Teachers | 2    | 3    | 2    | 2    | 2    | 3    | 2               | 16               |                   |               |                              | 14                          |
| Classroom Avg  | 21.0 | 17.7 | 16.5 | 26.0 | 22.0 | 20.3 | 6.0             | 18.6             |                   |               |                              | 20.4                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              |                             |
| Neihardt       | 21   | 22   | 23   | 21   | 23   | 25   |                 |                  |                   |               |                              |                             |
|                | 21   | 23   | 23   | 20   | 22   | 26   |                 |                  |                   |               |                              |                             |
|                | 21   | 21   | 22   | 19   | 22   | 25   |                 |                  |                   |               |                              |                             |
|                | 20   | 21   | 22   | 22   | 23   | 25   |                 |                  |                   |               |                              |                             |
|                |      |      |      | 21   | 23   |      |                 |                  |                   |               |                              |                             |
| Total Students | 83   | 87   | 90   | 103  | 113  | 101  |                 | 577              | 1                 | -             | 575                          | 577                         |
| Total Teachers | 4    | 4    | 4    | 5    | 5    | 4    |                 | 26               |                   |               |                              | 26                          |
| Classroom Avg  | 20.8 | 21.8 | 22.5 | 20.6 | 22.6 | 25.3 |                 | 22.2             |                   |               |                              | 22.2                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | M-K  | M1-3 | M4-5 | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |      |      |      |                 |                  |                   |               |                              |                             |
| Norris         | 13   | 14   | 15   | 16   | 22   | 22   | 12   | 24   | 20   |                 |                  |                   |               |                              |                             |
|                | 13   | 15   | 18   | 17   | 21   | 21   | 12   | 22   | 19   |                 |                  |                   |               |                              |                             |
|                |      |      |      |      |      |      |      | 23   |      |                 |                  |                   |               |                              |                             |
| Total Students | 26   | 29   | 33   | 33   | 43   | 43   | 24   | 69   | 39   |                 | 339              | -4                | -             | 356                          | 339                         |
| Total Teachers | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 3    | 2    |                 | 19               |                   |               |                              | 19                          |
| Classroom Avg  | 13.0 | 14.5 | 16.5 | 16.5 | 21.5 | 21.5 | 12.0 | 23.0 | 19.5 |                 | 17.8             |                   |               |                              | 17.8                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              |                             |
| Reagan         | 22   | 24   | 25   | 22   | 26   | 24   |                 |                  |                   |               |                              |                             |
|                | 22   | 22   | 25   | 22   | 26   | 25   |                 |                  |                   |               |                              |                             |
|                | 21   | 24   | 25   | 20   | 25   | 25   |                 |                  |                   |               |                              |                             |
|                | 21   | 23   | 26   | 22   | 26   | 24   |                 |                  |                   |               |                              |                             |
| Total Students | 86   | 93   | 101  | 86   | 103  | 98   |                 | 567              | 0                 | -             | 541                          | 567                         |
| Total Teachers | 4    | 4    | 4    | 4    | 4    | 4    |                 | 24               |                   |               |                              | 24                          |
| Classroom Avg  | 21.5 | 23.3 | 25.3 | 21.5 | 25.8 | 24.5 |                 | 23.6             |                   |               |                              | 23.6                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              | 697                         |
| Reeder         | 22   | 20   | 19   | 21   | 28   | 24   |                 |                  |                   |               |                              |                             |
|                | 22   | 19   | 18   | 21   | 27   | 25   |                 |                  |                   |               |                              |                             |
|                | 16   | 18   | 20   | 21   | 27   | 25   |                 |                  |                   |               |                              |                             |
|                | 22   | 19   | 19   | 21   | 27   | 25   |                 |                  |                   |               |                              |                             |
|                |      | 17   |      | 19   |      |      |                 |                  |                   |               |                              |                             |
|                |      |      |      | 20   |      |      |                 |                  |                   |               |                              |                             |
| Total Students | 82   | 93   | 76   | 123  | 109  | 99   |                 | 582              | 2                 | -             | 611                          | 582                         |
| Total Teachers | 4    | 5    | 4    | 6    | 4    | 4    |                 | 27               |                   |               |                              | 27                          |
| Classroom Avg  | 20.5 | 18.6 | 19.0 | 20.5 | 27.3 | 24.8 |                 | 21.6             |                   |               |                              | 21.6                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              | 7                           |
| Rockwell       | 20   | 19   | 16   | 21   | 23   | 23   | 8               |                  |                   |               |                              |                             |
|                | 20   | 18   | 16   | 20   | 23   | 21   | 7               |                  |                   |               |                              |                             |
| Total Students | 40   | 37   | 32   | 41   | 46   | 44   | 15              | 255              | -3                | -             | 266                          | 240                         |
| Total Teachers | 2    | 2    | 2    | 2    | 2    | 2    | 2               | 14               |                   |               |                              | 12                          |
| Classroom Avg  | 20.0 | 18.5 | 16.0 | 20.5 | 23.0 | 22.0 | 7.5             | 18.2             |                   |               |                              | 20.0                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              | 6                           |
| Rohwer         | 22   | 21   | 24   | 21   | 22   | 24   | 5               |                  |                   |               |                              |                             |
|                | 24   | 19   | 23   | 22   | 23   | 23   | 6               |                  |                   |               |                              |                             |
|                | 23   | 19   | 25   | 22   | 23   | 23   |                 |                  |                   |               |                              |                             |
|                | 24   |      | 25   |      | 21   | 23   |                 |                  |                   |               |                              |                             |
| Total Students | 93   | 59   | 97   | 65   | 89   | 93   | 11              | 507              | -3                | -             | 515                          | 496                         |
| Total Teachers | 4    | 3    | 4    | 3    | 4    | 4    | 2               | 24               |                   |               |                              | 22                          |
| Classroom Avg  | 23.3 | 19.7 | 24.3 | 21.7 | 22.3 | 23.3 | 5.5             | 21.1             |                   |               |                              | 22.5                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              | 7                           |
| Sandoz         | 20   | 17   | 17   | 16   | 19   | 18   |                 |                  |                   |               |                              |                             |
|                | 21   | 16   | 17   | 15   | 20   | 20   |                 |                  |                   |               |                              |                             |
|                | 21   | 16   | 17   | 15   | 20   | 20   |                 |                  |                   |               |                              |                             |
| Total Students | 62   | 49   | 51   | 46   | 59   | 58   |                 | 325              | 0                 | -             | 304                          | 325                         |
| Total Teachers | 3    | 3    | 3    | 3    | 3    | 3    |                 | 18               |                   |               |                              | 18                          |
| Classroom Avg  | 20.7 | 16.3 | 17.0 | 15.3 | 19.7 | 19.3 |                 | 18.1             |                   |               |                              | 18.1                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              | 7                           |
| Upchurch       | 17   | 19   | 21   | 26   | 22   | 21   |                 |                  |                   |               |                              |                             |
|                | 18   | 19   | 22   | 25   | 23   | 23   |                 |                  |                   |               |                              |                             |
|                | 18   | 19   | 22   | 26   | 23   | 22   |                 |                  |                   |               |                              |                             |
|                |      | 19   | 22   |      | 22   | 22   |                 |                  |                   |               |                              |                             |
| Total Students | 53   | 76   | 87   | 77   | 90   | 88   |                 | 471              | 0                 | -             | 517                          | 471                         |
| Total Teachers | 3    | 4    | 4    | 3    | 4    | 4    |                 | 22               |                   |               |                              | 22                          |
| Classroom Avg  | 17.7 | 19.0 | 21.8 | 25.7 | 22.5 | 22.0 |                 | 21.4             |                   |               |                              | 21.4                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              | 6                           |
| Wheeler        | 23   | 20   | 22   | 22   | 24   | 26   | 6               |                  |                   |               |                              |                             |
|                | 24   | 20   | 21   | 23   | 21   | 25   | 7               |                  |                   |               |                              |                             |
|                | 25   | 20   | 20   | 23   | 24   | 27   | 6               |                  |                   |               |                              |                             |
|                | 25   | 20   | 21   | 23   | 23   |      |                 |                  |                   |               |                              |                             |
| Total Students | 97   | 80   | 84   | 91   | 92   | 78   | 19              | 541              | 3                 | -             | 536                          | 522                         |
| Total Teachers | 4    | 4    | 4    | 4    | 4    | 3    | 3               | 26               |                   |               |                              | 23                          |
| Classroom Avg  | 24.3 | 20.0 | 21.0 | 22.8 | 23.0 | 26.0 | 6.3             | 20.8             |                   |               |                              | 22.7                        |

|                | K    | 1    | 2    | 3    | 4    | 5    | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|----------------|------|------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|                |      |      |      |      |      |      |                 |                  |                   |               |                              | 7                           |
| Willowdale     | 23   | 25   | 20   | 25   | 25   | 22   |                 |                  |                   |               |                              |                             |
|                | 22   | 24   | 20   | 25   | 25   | 21   |                 |                  |                   |               |                              |                             |
|                | 25   | 25   | 21   | 24   | 25   | 21   |                 |                  |                   |               |                              |                             |
|                |      |      | 19   |      |      | 22   |                 |                  |                   |               |                              |                             |
| Total Students | 70   | 74   | 80   | 74   | 75   | 86   |                 | 459              | 2                 | -             | 432                          | 459                         |
| Total Teachers | 3    | 3    | 4    | 3    | 3    | 4    |                 | 20               |                   |               |                              | 20                          |
| Classroom Avg  | 23.3 | 24.7 | 20.0 | 24.7 | 25.0 | 21.5 |                 | 23.0             |                   |               |                              | 23.0                        |

| Elementary Totals |      |      |      |      |      |      |     |     |     |     |     | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|-------------------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
| Grade             | K    | 1    | 2    | 3    | 4    | 5    | M-1 | M-2 | M-3 | M-4 | M-5 |                 |                  |                   |               |                              |                             |
| Students          | 1687 | 1712 | 1704 | 1746 | 1794 | 1762 | 72  | 71  | 68  | 64  | 60  | 103             | 10508            | 16                | -             | 10437                        | 10341                       |
| Teachers          | 82   | 78   | 77   | 78   | 75   | 74   | 9   |     |     | 6   |     | 17              | 496              |                   |               |                              | 476                         |
| Classroom Avg     | 20.6 | 21.9 | 22.1 | 22.4 | 23.9 | 23.8 |     |     |     |     |     | 6.1             | 21.2             |                   |               |                              | 21.7                        |

|             | 6    | 7    | 8    | 9 | 10 | 11 | 12 | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|-------------|------|------|------|---|----|----|----|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|             |      |      |      |   |    |    |    |                 |                  |                   |               |                              | 13                          |
| Andersen MS | 322  | 311  | 309  |   |    |    |    | 11              | 942              | 0                 | -             | 932                          |                             |
| Beadle MS   | 300  | 343  | 311  |   |    |    |    | 23              | 954              | 7                 | -             | 976                          |                             |
| Central MS  | 276  | 288  | 267  |   |    |    |    | 19              | 831              | -10               | -             | 944                          |                             |
| Kiewit MS   | 325  | 321  | 322  |   |    |    |    | 0               | 968              | 3                 | -             | 977                          |                             |
| North MS    | 236  | 277  | 271  |   |    |    |    | 15              | 784              | -4                | -             | 805                          |                             |
| Russell MS  | 228  | 258  | 279  |   |    |    |    | 0               | 765              | -6                | -             | 779                          |                             |
| Totals      | 1687 | 1798 | 1759 |   |    |    |    | 68              | 5244             | -10               | -             | 5413                         |                             |

|            | 9    | 10   | 11   | 12   | SpEd<br>Cluster | Current<br>Total | Current<br>Change | YTD<br>Change | Official 17/18<br>Enrollment | Class<br>Size w/out<br>SpEd |
|------------|------|------|------|------|-----------------|------------------|-------------------|---------------|------------------------------|-----------------------------|
|            |      |      |      |      |                 |                  |                   |               |                              | 13                          |
| North HS   | 644  | 625  | 633  | 588  | 37              | 2490             | -8                | -             | 2476                         |                             |
| South HS   | 654  | 599  | 591  | 559  | 38              | 2403             | -4                | -             | 2250                         |                             |
| West HS    | 574  | 589  | 602  | 646  | 32              | 2411             | 3                 | -             | 2469                         |                             |
| Horizon HS | 0    | 7    | 25   | 98   |                 | 130              | -6                | -             | 134                          |                             |
| Totals     | 1872 | 1820 | 1851 | 1891 | 107             | 7434             | -15               | -             | 7329                         |                             |

|                                  |              |           |          |              |
|----------------------------------|--------------|-----------|----------|--------------|
| Contracted SpEd                  | 55           | 4         | -        | 53           |
| Rule 18 Interim                  | 11           | 2         | -        | 15           |
| Young Adult Program              | 55           | 0         | -        | 47           |
| Ombudsman (Primary Enrollment)   | 13           | -2        | -        | 16           |
| <b>Total District Enrollment</b> | <b>23320</b> | <b>-5</b> | <b>-</b> | <b>23310</b> |