Northwest High Magnet School

2021 - 2022 Course Guide
Northwest High Magnet School

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Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex, marital status, sexual orientation, disability, age, genetic information, citizenship status, or economic status in its programs, activities, individual has been designated to address inquiries regarding the non-discrimination policies: Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (531) 299-0220.
Our mission at Omaha Northwest High Magnet School is to provide educational opportunities for all students to achieve academic success, develop as leaders and become responsible citizens in our communities. This mission takes an entire village of parents, staff, and community partners working together to ensure a positive learning environment where all students reach their fullest potential.

The Northwest staff is ready and willing to help our students achieve success through numerous resources. We want our students to develop to their fullest potential. We encourage each to review and study the course manual to select the appropriate courses that allow that success.

We want our students to challenge themselves academically, select courses that prepare them for their future, and that motivate them from day to day. The goal is for our students to be at school every day, enjoy the atmosphere of learning, and hope they select courses that will inspire them to be their best.

Together we can **Raise the Bar**!

Thomas Lee
Principal

The mission of Omaha Northwest High Magnet School, a Community of Learners,

is to provide educational opportunities which enable all students to achieve and lead in academic success.

The vision of Omaha Northwest High Magnet School, a Community of Learners,

is to prepare students for the 21st Century.

We believe:
in the value of each individual;
in encouraging students to develop to their fullest potential;
in developing life-long learners and responsible citizens;
in fostering leadership abilities;
in providing a positive learning environment.
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DISCLAIMER NOTICE
At the time of printing, all information contained in this publication is deemed accurate and correct. However, due to circumstances beyond control, changes in District or Northwest High Magnet School policy and practice may result in necessary changes to the printed information provided. If you have questions, please contact Northwest High Magnet School at 531-299-2740.
Collaborator

Demonstrates the ability to work interdependently with diverse perspectives to promote learning and achieve common goals.

Communicator

Communicates with purpose and intent in a variety of modes and formats through effective reading, writing, listening, and speaking skills.

Critical Thinker

Exhibits the ability to reason through and weigh evidence to make complex decisions.

Innovator

Generates, invests in, and shares ideas and solutions.

Civic & Global Contributor

Understands, embraces, and participates in open dialogue regarding diverse issues that impact their community and an inclusive world.

Resilient Achiever

Overcomes obstacles and recognizes the need to continue growth through perseverance.
# Omaha Public Schools

## Graduation & College Entrance Requirements

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>OPS GRADUATION REQUIREMENTS</th>
<th>COLLEGE ENTRANCE REQUIREMENTS*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CREDITS</td>
<td>YEARS</td>
</tr>
<tr>
<td>English</td>
<td>8 CREDITS</td>
<td>4 years Fulfilled by OPS requirements</td>
</tr>
<tr>
<td></td>
<td>Grade 9 – English 1 &amp; 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 10 – English 3 &amp; 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 11 – English 5 &amp; 6</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 12 – English 7 &amp; 8</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>7 CREDITS</td>
<td>3 years Fulfilled by OPS requirements</td>
</tr>
<tr>
<td></td>
<td>Grade 9 – U.S. History 1 &amp; 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 10 – Human Geography &amp; Intro to Economics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 11 – World History 1 &amp; 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 12 – American Government</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>6 CREDITS</td>
<td>3 years Algebra 1-2, Geometry 1-2, Algebra 3-4, UNL – One additional year of math beyond Algebra 3-4</td>
</tr>
<tr>
<td></td>
<td>Grade 9 – Math as Recommended</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 10 – Math as Recommended</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 11 – Math as Recommended</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>6 CREDITS</td>
<td>3 years Fulfilled by OPS requirements</td>
</tr>
<tr>
<td></td>
<td>Grade 9 – Physical Science 1 &amp; 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 10 – Biology 1 &amp; 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grade 11 – Science Elective</td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>4 CREDITS</td>
<td>N/A</td>
</tr>
<tr>
<td>Human Growth &amp; Development</td>
<td>1 CREDIT</td>
<td></td>
</tr>
<tr>
<td>Personal Finance</td>
<td>1 CREDIT</td>
<td>Grade 12 – Personal Finance</td>
</tr>
<tr>
<td>Electives</td>
<td>16 CREDITS</td>
<td>Consider education plans and interests</td>
</tr>
<tr>
<td>World Language</td>
<td>N/A</td>
<td>2–3 years of the same language</td>
</tr>
<tr>
<td>TOTAL</td>
<td>49 CREDITS REQUIRED</td>
<td>For all OPS High Schools</td>
</tr>
</tbody>
</table>

**RECOMMENDED ON TRACK INDICATORS**

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>9 - Freshman</th>
<th>10 - Sophomore</th>
<th>11 - Junior</th>
<th>12 - Senior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credits Earned</td>
<td>13 credits</td>
<td>25 total credits</td>
<td>37 total credits</td>
<td>49 total credits in required subjects</td>
</tr>
</tbody>
</table>

**Note:** 49 Credits are required to graduate.

---

**NEBRASKA COLLEGE ENTRANCE REQUIREMENTS:**

Metro Community College and other Nebraska Community Colleges – Proof of graduation from an accredited high school.

Nebraska State College System – Chadron, Peru, Wayne – Proof of graduation from an accredited high school.

University of Nebraska System – UNO, UNL, UNK (in line with NCAA requirements) – See your OPS District Student Handbook

Students and parents/guardians should research the requirements of each institution to ensure that students have selected appropriate courses.

For students attending King Science Technology Magnet who take Biology and Physical Science their sequence could look different at their respective high schools.

** For students who have successfully completed Physical Science in 8th grade, their sequence will begin with Biology.
GRADE POINTS
Grade points earned for each course are awarded as follows:

<table>
<thead>
<tr>
<th>Weighted Courses (Honors/AP Classes)</th>
<th>Unweighted Courses (Regular/Academic Classes)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade Earned</td>
<td>Grade Earned</td>
</tr>
<tr>
<td>A B C D F</td>
<td>A B C D F</td>
</tr>
<tr>
<td>Grade Points</td>
<td>Grade Points</td>
</tr>
<tr>
<td>5 4 3 2 0</td>
<td>4 3 2 1 0</td>
</tr>
</tbody>
</table>

HONORS CLASSES
Northwest High Magnet School offers over 60 Honor Classes and 18 Advanced Placement® Courses which are designed to challenge students beyond the traditional course of study. The classes demand additional reading, research and writing which helps prepare students for college. The classes require additional study time, individual initiative and high academic skills. Honors Classes carry weighted grades points.

HONOR ROLL
Honor Roll is awarded on a semester basis. Each student has eight opportunities to be an Honor Roll student. Honor Roll is based on the current semester’s grade point average, and a 3.5 grade point average is required. A recognition program is held to award honorees.

ACADEMIC LETTER
The prestigious Academic Letter is awarded for academic excellence. The Academic Letter encourages students to maintain a high GPA while taking advantage of the extensive curriculum offered at Northwest High Magnet School. The Academic Letter is based on cumulative class rank and cumulative grade point average. Sophomore, junior and senior students are eligible for this honor. Academic Letter eligibility is determined at the end of the first semester of each school year. To be eligible for an Academic Letter, a sophomore, a junior, or a senior must rank in the top five percent (5%) of his/her class.

SCHEDULE CHANGES
Students register for classes each spring and have an opportunity to review their course selections. Course changes are permitted only under the following conditions:

➢ a credit was recovered in Summer School or Adult High School;
➢ a conflict in the schedule cannot be adjusted without dropping or changing a course;
➢ a scheduling error if different from course registration sheet
➢ the student needs an additional course to meet graduation requirements.
➢ Honors/AP courses are year-long courses; students will not be allowed to alter their schedule during the semester.

Dropping a course after the third week of a semester will result in a grade of "F" which is included in grade point average computations. Requests to drop a course should be initiated by the student or parent to the counselor.

CREDIT RECOVERY GUIDELINES
The purpose of Credit Recovery is to provide opportunities for students to earn credits to meet graduation requirements for courses they have failed. Credit Recovery involves the student retaking the failed course(s) and focusing on the course content standards to demonstrate proficiency on district assessments. The focus is on proficiency related to course content standards, not seat time.

- Credit Recovery may be delivered in a variety of methods and during a variety of times.
- Credit Recovery may be delivered in a traditional classroom or through a blended learning experience (in class with an endorsed teacher using online learning modules).
- Teachers who are providing credit recovery through online, virtual, or blended learning must be certified educators endorsed for the course they are teaching.
Although students may complete online courses prior to the end of the term, final grades will need to be posted during the normal grading windows.

Students should follow the appropriate course sequencing.

Students should not be enrolled in consecutive courses simultaneously (English 1 & English 2). Any exception to the three-course limit must be identified in an individual learning plan, in an alternative program and/or approved by the Assistant Superintendent of Curriculum and Learning.

COURSE PLACEMENT APPEALS
All Secondary Omaha Public Schools offer procedures for appealing course placement (i.e. AP, Honors, IB, etc.). Each building may have specific forms and deadlines; however, the following general procedures shall apply:

Level One: Counselor, Curriculum Specialist, Assistant Principal/Data, or Principal
A student or parent with a course placement appeal may first discuss the matter with the counselor, or building administrator involved, with the object of resolving the matter informally.

Level Two: Assistant Superintendent of Curriculum, Instruction and Support
If the course placement appeal is not resolved at Level One and the individual still wishes to pursue the appeal, he/she may formalize the appeal in writing addressed to the Assistant Superintendent of Curriculum, Instruction and Assessment
at 3215 Cuming Street, Omaha, NE 68131.

Level Three: Superintendent
If the appeal is not resolved at Level Two and the individual still wishes to pursue the appeal, he/she may formalize the appeal to the superintendent of schools after receiving a written response from the Assistant Superintendent of Curriculum, Instruction and Assessment.

These steps shall be taken in a timely manner to accommodate the registration of courses for the school year in question.

ADVANCED PLACEMENT COURSES
The Advanced Placement (AP) program in the Omaha Public Schools offers high school students the opportunity to take college level courses in a high school setting. For over fifty years, students in the school district have participated in the AP program, not only to gain higher-level academic skills, but also to earn college credit while still in high school. Successful completion of AP Exams offers student the opportunity to earn advanced academic college credit. This can mean substantial savings for families on courses that would otherwise have to be taken in the freshman and sophomore years in college. Participation in the AP program gives students college level experience while still in high school.

Northwest offered the following Advanced Placement Courses in the 2019 - 2020 school year:

| AP® Biology | AP® English Literature and Composition | AP® Psychology |
| AP® Physics 1 | AP® U.S. Government and Politics | AP® Statistics |
| AP® Spanish Language | AP® Comparative Government and Politics | AP® Chemistry |
| AP® World History | AP® Environmental Science | AP® U.S. History |
| AP® French Language | AP® English Language and Composition | AP® Human Geography 1 |
| AP® Calculus AB | AP® Calculus BC | |
Dual Enrollment Program

What is Dual Enrollment?
Dual Enrollment provides high school students the opportunity to take college-credit bearing courses taught by college-approved high school teachers in the student’s home high school building. The term ‘Dual Enrollment’ means a program offered by a partnership between at least one institution of higher education and at least one local educational agency through which a secondary school student who has not graduated from high school with a regular high school diploma is able to enroll in one or more postsecondary courses and earn postsecondary credit that—

(A) is transferable to the institutions of higher education in the partnership; &
(B) applies toward completion of a degree or recognized educational credential as described in the Higher Education Act.

Students gain exposure to the academic challenges of college while in their supportive high school environment, earning transcripted college credit at the time they successfully pass the course. Essentially, dual enrollment prepares students for success in college and careers by increasing access to higher education, lowering the cost of college, and shortening student time to earning a degree or certification.

Dual Enrollment is currently offered in OPS through two primary programs:

1) Advanced Placement (AP)  
2) Career Education (CE).

Dual Enrollment Benefits.
Reduced Tuition Cost. Participating students have a reduced tuition rate or may qualify for FREE tuition through a scholarship program authorized by the Nebraska State Legislature.

MCC: $48 per course. UNO: $250 per course. Midland U: $250 per course
*Tuition Costs are determined by the postsecondary institution.

The Omaha Public Schools District provides the textbook and all course materials necessary for completion of the dual enrollment course. Tuition payment is the responsibility of the student. If a student qualifies for federal needs-based programs, they may be eligible for FREE tuition. The ACE scholarship program pays mandatory tuition fees for qualified high schools students to enroll in dual enrollment courses. The basic criteria for high school students to qualify for the ACE scholarship is their eligibility status to receive assistance under a variety of federal programs, most notably the free and reduced lunch program. Students must work with a building official or counselor to complete the online ACE application.

More information on ACE can be found at http://ccpe.state.ne.us/publicdoc/ccpe/Financial%20Aid/ACE/ 
Credits Transfer. Students begin creating an official college transcript with participation in a dual enrollment course. College institutions determine the transferability of credit, but typically credits transfer as follows:

AP Courses: transfer as general education requirements in either humanities, social sciences, natural sciences, or mathematics to 4-year/2-year institutions

CE courses: transfer as required credits at the issuing institution towards an associate’s degree or certification, or to a similar 2-year institution with like programming, or may transfer as elective credits at 4-year institutions.

Students should request transcripts from any college he/she has earned dual enrollment credit with and provide them to the college/university during the admission process. It is the student’s responsibility to disclose any college credit earned during high school, whether from an AP or CE dual enrollment course, to their college advisor.

Classes offered during the 2019-2020 school year for dual enrollment with UNO were:

AP® Biology  AP® English Literature and Composition  AP® Physics 1  
AP® World History  AP® U.S. Government and Politics  AP® Calculus AB  
AP® Spanish Language  AP® Calculus BC  H Intro to Education

Classes offered during the 2019 - 2020 school year for dual enrollment with Metro were:

CAD/Design 1-2  CAD/Design 3-4  Video 1 (HuskyVision)  
Intro to Law  Police and Society  Business & Consumer Law  
The Constitution  H Intro to Business  Intro to Criminal Justice  
H Personal Finance  H Child Development

Classes offered during the 2019 - 2020 school for dual enrollment with UNK were: German 5-6
Modular Math Dual Enrollment w/ Metropolitan Community College

The Dual Enrollment Modular Math Readiness Program offered through Metropolitan Community College and is designed for seniors who desire to improve their math skills to the level needed to enter a college level math class after graduation. Students can pursue one of two programs: Academic track for students intending to transfer to a four-year institution or the Trades track for students pursuing a two-year associates degree /certification. It is online and self-paced and students attend class as part of their regular schedule. Upon successful completion of the program, students are college and career ready.

Students eligible for this program must fit the following profile:

- Senior student
- Desire to pursue a two- or four-year degree
- Have an ACT Math score between 14-21
- Have a current high school GPA of at least 2.0
- Have a good attendance record
- Are self-motivated and able to work independently

Cost: FREE - There is NO COST for students. The cost of class materials and tuition is funded by Peter Kiewit Foundation. Total cost savings to students and families is approximately $1,000!

Registration: Space is LIMITED. For more information, please see your counselor. Program is available for Career Center Students.

Course Tracks:

### Academic Track Sequence (for 4-year college-going students)

<table>
<thead>
<tr>
<th>MCC Course Listing</th>
<th>OPS Course Listing</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 0910-Pre Algebra, 5.0 credits</td>
<td>MCC Modular Math 0910, 049141, 1.0 credit</td>
</tr>
<tr>
<td>MATH 0930-Intermediate Algebra Part 1, 4.0 credits</td>
<td>MCC Modular Math 0930, 049151, 1.0 credit</td>
</tr>
<tr>
<td>MATH 0931-Intermediate Algebra Part 2, 4.5 credits</td>
<td>MCC Modular Math 0931, 049031, 1.0 credit</td>
</tr>
<tr>
<td>MATH 1315-College Algebra (4.5 transferrable credit hours)</td>
<td>MCC Modular Math 1315, 049041, 1.0 credit</td>
</tr>
</tbody>
</table>

### Trades Track Sequence (for 2-year college-going students)

<table>
<thead>
<tr>
<th>MCC Course Listing</th>
<th>OPS Course Listing</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 910-Developmental Mathematics, 5.0 credits</td>
<td>MCC Modular Math 0910, 049141, 1.0 credit</td>
</tr>
<tr>
<td>MATH 1240-Applied Mathematics (4.5 MCC credits)</td>
<td>Applied Mathematics 1240, 049131, 1.0 credit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 0910-Pre Algebra</td>
<td>This course presents basic computational skills for either review or initial mastery by the students. Topics include fractions, decimals, ratios, proportions, operations with integers, and basic study skills for mathematical problem-solving and estimation.</td>
</tr>
<tr>
<td>MATH 0930-Intermediate Algebra Part 1</td>
<td>This course is for students who need to learn basic algebra skills. Topics include positive and negative real numbers, solving linear equations and inequalities, and applications of linear equations.</td>
</tr>
<tr>
<td>MATH 0931-Intermediate Algebra Part 2</td>
<td>Topics include integer exponents, operations with polynomials, factoring, rational expressions, equations of lines, and graphing of equations and inequalities.</td>
</tr>
<tr>
<td>MATH 1240-Applied Mathematics</td>
<td>Students develop and apply mathematical skills needed to solve problems related to industrial occupations. Topics include applications of arithmetic skills, measurement, elementary algebra, geometry, and trigonometry.</td>
</tr>
<tr>
<td>MATH 1310-College Algebra</td>
<td>This course extends basic algebra skills and provides the background necessary for further mathematics courses. Topics include linear, quadratic, polynomial, radical, and rational equations; systems of linear equations; rational exponents and polynomial factoring; rational and radical expressions; complex numbers; and graphs of linear and quadratic functions.</td>
</tr>
</tbody>
</table>

Dual Credit

Students may earn college credit and high school elective credit by completing an MCC Career Academy.

Who? Students eligible for this program must fit the following profile:
- Be a high school junior or senior and be on track to graduate
- 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)

Cost? Students are responsible for paying tuition. MCC Career Academies are offered at half price tuition. *Funding for tuition may be available for certain academy programs pending donor contributions

Time of MCC Career Academies classes: Most academies meet between 12:30 - 4:00pm, Monday-Thursday.

OPS Juniors and Seniors participating in the MCC Career Academy programs will be given "release time" to attend the classes during the school day. OPS students will follow the MCC schedule and code of conduct. When MCC classes are not in session (Friday's) during an OPS school day, students will be released from high school at the time they would normally leave campus. Students may use this release time for part-time employment, volunteer service, or other opportunities. If MCC has classes scheduled when OPS is not in school, students are expected to attend those classes.

Application: Students must complete an application. Deadline is March 4, 2019. Space is LIMITED. Admission is not guaranteed. Notify Secondary Partnerships Supervisor Mr. Jeremy Nielsen @ 531-209-9505 or Jeremy.nielsen@ops.org when you have completed applications.

Available MCC Career Academies

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Tuition Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diesel Technology</td>
<td>Located at the MCC Applied Technology Center at 10407 State Street. Students learn the components of the diesel engine, the fundamentals of transmissions and torque converters, and an overview of diesel engine technology.</td>
<td>$814.00</td>
</tr>
<tr>
<td>Fire Science Technology</td>
<td>Located at the MCC Applied Technology Center at 10407 State Street. Students learn about fire, firefighting, and EMT training.</td>
<td>$980.50</td>
</tr>
<tr>
<td>Heating, Air Condition and Refrigeration (HVAC)</td>
<td>Located at MCC Fort Omaha Campus at 30th and Fort. Students learn heating, air conditioning, ventilation, and refrigeration.</td>
<td>$740.00</td>
</tr>
<tr>
<td>Pre-Apprenticeship Plumbing</td>
<td>Located at MCC Fort Omaha Campus at 30th and Fort. Students learn about residential and commercial plumbing, construction plumbing safety and more.</td>
<td>$684.50</td>
</tr>
<tr>
<td>Utility Line Technician</td>
<td>Located at the MCC Applied Technology Center at 10407 State Street. Students learn installation, operation, and maintenance of electrical utility lines.</td>
<td>$888.00</td>
</tr>
</tbody>
</table>

**additional career academies may be available if approved by Omaha Public Schools.**

MCC Webpage

AVENUE SCHOLARS
The Avenue Scholars Foundation was organized with a pledge to support talented students with financial need get through higher education and into the workforce. Scholars are selected in the spring of their sophomore year and are served by a fulltime Avenue Scholars Talent Advisor. The Talent Advisor meets with juniors and seniors during a regularly scheduled class period. The class curriculum focuses on: academic success; establishing and achieving personal goals; pursuing individual success; understanding the college process; career exploration; volunteer work; and team building.

Avenue Scholars continue to receive highly individualized and comprehensive support throughout their post-secondary education. For those attending a community college or vocational school, the program provides unique transitional support into the workforce or into a four-year public or private college program. During the post-secondary years, an Avenue College Talent Advisor coordinates campus services, housing, and transportation; organizes academic and financial services; and plans special events and programs to enhance campus life for Avenue students.
DIVISION I ACADEMIC REQUIREMENTS

College-bound student athletes enrolling at an NCAA Division I school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

Core-Course Requirement
Complete 16 core courses in the following areas:

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>MATH (Algebra I or higher)</th>
<th>NATURAL/PHYSICAL SCIENCE (including one year of lab, if offered)</th>
<th>ADDITIONAL (English, math or natural/physical science)</th>
<th>SOCIAL SCIENCE</th>
<th>ADDITIONAL COURSES (any two listed to the left, foreign language or comparative religion/philosophy)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 years</td>
<td>3 years</td>
<td>2 years</td>
<td>1 year</td>
<td>2 years</td>
<td>4 years</td>
</tr>
</tbody>
</table>

**FULL QUALIFIER**
- Complete 16 core courses.
- Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
- Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

**ACADEMIC REDSHIRT**
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier
College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

Academic Redshirt
College-bound student-athletes may receive an athletics scholarship during their first year of full-time enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier
College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

International Students
Please review the international initial-eligibility flyer for information and academic requirements specific to international student-athletes.

Click here for Division II academic requirements.
Test Scores

If a student plans to attend an NCAA Division I college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division I requirements.

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of 9999 to send their scores directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts CANNOT be used in an academic certification.

<table>
<thead>
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<th>Core GPA</th>
<th>SAT*</th>
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*Final concordance research between the new SAT and ACT is ongoing.
DIVISION II ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division II school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

Core-Course Requirement
Complete 16 core courses in the following areas:

| ENGLISH | MATH (Algebra I or higher) | NATURAL/PHYSICAL SCIENCE (Including one year of lab, if offered) | ADDITIONAL (English, math or natural/physical science) | SOCIAL SCIENCE | ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy) |
|---------|----------------------------|---------------------------------------------------------------|-----------------------------------------------------|---------------|------------------------------------------------|---|
| 3 years | 2 years                    | 2 years                                                      | 3 years                                             | 2 years       | 4 years                                        |   |

FULL QUALIFIER
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

PARTIAL QUALIFIER
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier
College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

Partial Qualifier
College-bound student-athletes may receive an athletics scholarship during their first year of enrollment and may practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

Nonqualifier
College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

International Students
Please review the international initial-eligibility flyer for information and academic requirements specific to international student-athletes.

Click here for Division I academic requirements.
Eligibility Requirements

- Graduating HS seniors must meet 2 out of 3 requirements:
  - Minimum GPA of 2.0 on 4.0 scale
  - 18 ACT or 860 SAT (Score achieved in one sitting)
    SAT score is the combined math and reading scores
    ACT is the composite score
    Writing sections are not used for eligibility
  - Graduation in top 50% of class
Before your registration appointment, carefully review this handbook and plan a four-year program of study. Your parents and/or guardians should assist you with your course planning. Record courses you have already taken or are currently taking this year. You should also list the courses you plan to take before you graduate from high school. The sequence of required courses has been outlined for you, and all students have access to their Course Planner in Infinite Campus.

### 9th Grade
- English 1-2
- U.S. History 1-2
- Physical Science 1-2 or Biology 1-2
- Math
- PE/JROTC/Band
- LGID / FACTS

### 10th Grade
- English 3-4
- Intro to Economics / Human Geography
- Biology 1-2 or Science Elective
- Math
- PE/JROTC/Band
- Human Growth / Career Foundations

### 11th Grade
- English 5-6
- World History 1-2
- Science Elective
- Math
- Elective/World Lang.
- Elective / Career Foundations

### 12th Grade
- English 7-8
- American Government/Personal Finance
- Science Elective or Elective
- Math or Elective
- Elective/World Lang.
- Elective

Honors and Advanced Placement options are available for many courses.
<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
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### Audio Video Production

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<th>Grade</th>
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<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
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<td>ELA: English 1-2 (H)</td>
<td>Freshmen Seminar</td>
<td>Performing and Fine Arts</td>
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<tr>
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<td>Mathematics: Algebra 1-2 (H)</td>
<td>Digital Media and Audio Video Foundations</td>
<td>Drama</td>
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<tr>
<td></td>
<td>Science: Physical Science 1-2 (H), or Biology 1-2 (H)</td>
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<td>Spanish</td>
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<tr>
<td></td>
<td>Social Studies: U.S. History 1-2 (H) or (AP)</td>
<td></td>
<td>French</td>
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<tr>
<td>10</td>
<td>ELA: English 3-4 (H)</td>
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<td>German</td>
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<tr>
<td></td>
<td>Mathematics: Geometry 1-2 (H)</td>
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<td>Chinese</td>
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<tr>
<td></td>
<td>Science: Biology 1-2 (H) or Interest-Based Elective</td>
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<td>Journalism 1-2 (H)</td>
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<td>Digital Journalism 1</td>
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<td>Audio Video Production 1-2</td>
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<td>Mathematics: Prob/Stat</td>
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<td>H Yearbook 1-2, 3-4, 5-6</td>
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<td>Social Studies: Amer. Government or (AP) and Personal Finance (H)</td>
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<td></td>
<td>Electives: 16 credits total</td>
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<td>Spanish for Spanish Speakers</td>
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</tbody>
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### Career and Technical Student Organization

- Youtube club, Tech/AV club

### Work-Based Learning Experiences

### Available Industry Certification

Adobe Certified Associate via Certiport

### Available Dual Credit

### High Wage, High Skill, High Demand Careers (Omaha Consortium)

Printing Press Operators, Editors, Graphic designers, Telecommunications Equip installers and repair, Writers, Authors
## Community Health

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
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<td>Foundations of Healthcare 1-2</td>
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<td>Electives: 16 credits total</td>
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</table>

### Career and Technical Student Organization

### Work-Based Learning Experiences

### Available Industry Certification

### Available Dual Credit

AP Psychology DE w/ UNO

### High Wage, High Skill, High Demand Careers (Omaha Consortium)

Child Family, School Social worker, Mental Health Counselors, Healthcare social worker Charles Drew, Monroe Myer
# Cybersecurity

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
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<td>Performing and Fine Arts</td>
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<tr>
<td></td>
<td>Science: Interest Based Science Elective</td>
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<tr>
<td></td>
<td>Social Studies: World History 1-2 (AP) LB</td>
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<td>12</td>
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<td>Human Growth and Dev.: 1 credit total</td>
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<td>Electives: 16 credits total</td>
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</table>

Career and Technical Student Organization
Skills USA? FBLA

Work-Based Learning Experiences

Available Industry Certification

Available Dual Credit

High Wage, High Skill, High Demand Careers (Omaha Consortium)
Network and Computer System Administrators, Software Dev Applications, Computer System Analysts, Computer programmer,
<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
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<td>Mathematics: Algebra 3-4 (H)</td>
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<td>Science: Biology 1-2, Biology 1-2 (H), or Required Pathway Science Elective</td>
<td>Social Studies: Human Geography and Intro to Economics (H) or (AP)</td>
<td>Mexican American History</td>
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<td>11</td>
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<td>Anatomy &amp; Physiology and Medical Terminology</td>
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<td>Prior to graduation</td>
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<td></td>
<td>PE/JROTC/Band: 4 credits total</td>
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<td></td>
<td>Electives: 16 credits total</td>
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</table>

**Career and Technical Student Organization**
- Health Occ Association

**Work-Based Learning Experiences**

**Available Industry Certification**
- EMT license, (CC), CERT, Teen CERT

**Available Dual Credit**

**High Wage, High Skill, High Demand Careers (Omaha Consortium)**
- Firefighter, Life guard, Ski Patrol, Recreational Protective Service
## Energy System Technology

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
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<tbody>
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<td>Mexican American History</td>
</tr>
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<td></td>
<td>Science: Physical Science 1-2 (H), or H Biology 1-2</td>
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<td>Social Studies: U.S. History 1-2 (H) or (AP)</td>
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<td>10</td>
<td>ELA: English 3-4 (H)</td>
<td>Energy and Power Fundamentals</td>
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<td>ELA: English 5-6 (AP)</td>
<td>Energy Transmission and Distribution</td>
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<td>Electronics and Control Systems</td>
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<td>Mathematics: PreCalc/Trig (H) or MCC Modular Math 1315 and/or AP Statistics</td>
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<td>Mathematics: AP Calculus AB or AP Calculus BC and/or AP Statistics</td>
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<td>Social Studies: Amer. Government or (AP) and Personal Finance (H)</td>
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<td>Prior to graduation</td>
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<td>Human Growth and Dev.: 1 credit total</td>
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<td></td>
<td>Electives: 16 credits total</td>
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</table>

**Career and Technical Student Organization**
- Skills USA, SREB

**Work-Based Learning Experiences**

**Available Industry Certification**

**Available Dual Credit**
- MCC Utility Line technician 1-2

**High Wage, High Skill, High Demand Careers (Omaha Consortium)**
- Engineer - Electrical, Industrial, Mechanical
## Firefighter

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
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<tr>
<td>9</td>
<td>ELA: English 1-2 (H)</td>
<td>Freshmen Seminar</td>
<td>Performing and Fine Arts</td>
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<td>Mathematics: Geometry 1-2 (H)</td>
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<td>Physics, Forensic Science, AP Physics, Chemistry, or AP Physics</td>
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<td></td>
<td>Science: Physical Science 1-2 (H), or Biology 1-2 (H)</td>
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<td>African American History</td>
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<td>Social Studies: U.S. History 1-2 (H) (AP)</td>
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<td>Mexican American History</td>
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<td>Mathematics: Geometry 1-2 (H)</td>
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<td>Mathematics: Algebra 3-4 (H)</td>
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<td>Psychology</td>
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<td>Fire Chemistry &amp; Intro to Fire Protection</td>
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<td>Mathematics: Algebra 3-4 (H)</td>
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<tr>
<td></td>
<td>Human Growth and Dev.: 1 credit total</td>
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<tr>
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<td>Electives: 16 credits total</td>
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</table>

### Career and Technical Student Organization
- HOSA

### Work-Based Learning Experiences

### Available Industry Certification

### Available Dual Credit
- Fire Science Tech 1-4 DE w/ MCC

### High Wage, High Skill, High Demand Careers (Omaha Consortium)
- Firefighter
## Forensic Science and Criminal Justice

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
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<tbody>
<tr>
<td>9</td>
<td>ELA: English 1-2 (H)</td>
<td>Freshmen Seminar</td>
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<td>Mathematics: Algebra 1-2 (H)</td>
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<td>Mathematics: Geometry 1-2 (H)</td>
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<td>LGID</td>
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<td>Law, Public Safety, and Security</td>
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<td>Chemistry</td>
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<td>Physics</td>
<td>Forensics Literature</td>
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<td>11</td>
<td>ELA: English 5-6 or AP Lang and Comp</td>
<td>Forensics 5-6</td>
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<td>Science: Science Elective</td>
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<td>Human Growth and Dev.: 1 credit total (10)</td>
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<tr>
<td></td>
<td>Electives: 16 credits total</td>
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</tbody>
</table>

**Career and Technical Student Organization**

**Work-Based Learning Experiences**

**Available Industry Certification**

9-1-1 Emergency Dispatch Certification

**Available Dual Credit**

**High Wage, High Skill, High Demand Careers (Omaha Consortium)**

Correctional Officers, First line Police and Detective, Forensic Science Tech, Police and Sheriff’s Patrol Officer
# Pre-Law

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
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<tbody>
<tr>
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<td>Mathematics: Geometry 1-2 (H)</td>
<td>African American History</td>
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<td>Science: Biology 1-2 (H) or Interest-Based Elective</td>
<td>Mexican American History</td>
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<td>Social Studies: U.S. History 1-2 (H) (AP)</td>
<td>Social Studies: Human Geography &amp; Economics (H) or (AP)</td>
<td>Native American History</td>
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<td>ELA: English 3-4 (H)</td>
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<td>Omaha History</td>
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<td>Mathematics: Geometry 1-2 (H)</td>
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<td>Social Studies: World History 1-2 (AP)</td>
<td>Chinese</td>
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<td>Intro to Law &amp; the Constitution Trial, Practice and Advocacy &amp; Evidence</td>
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<td>Mathematics: PreCalc/Trig (H)</td>
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<td>ELA: English 7-8 or AP Lit</td>
<td>Intro to Paralegal Studies &amp; Legal Research and Writing</td>
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<td>Human Growth and Dev.: 1 credit total</td>
<td>Human Growth and Dev.: 1 credit total</td>
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<td>Electives: 16 credits total</td>
<td>Electives: 16 credits total</td>
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### Career and Technical Student Organization
- Mock Trial
- Speech & Debate

### Work-Based Learning Experiences

### Available Industry Certification

### Available Dual Credit
- CSM-Paralegal Studies

### High Wage, High Skill, High Demand Careers (Omaha Consortium)
- Lawyers, Legal secretaries, Paralegals
# Public Works and Environmental Science

<table>
<thead>
<tr>
<th>Grade</th>
<th>Required Courses</th>
<th>Required Academy Courses</th>
<th>Suggested Academy Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>ELA: English 1-2 (H)</td>
<td></td>
<td>Freshmen Seminar</td>
</tr>
<tr>
<td></td>
<td>Mathematics: Algebra 1-2 (H)</td>
<td>Mathematics: Geometry 1-2 (H)</td>
<td>Performing and Fine Arts</td>
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<tr>
<td></td>
<td>Science: Physical Science 1-2 (H), or Biology 1-2 (H)</td>
<td>Social Studies: U.S. History 1-2 (H) or (AP)</td>
<td>Horticulture 1-2 Earth Science 3-4 (H)</td>
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<tr>
<td>10</td>
<td>ELA: English 3-4 (H)</td>
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<td>Biology (H) or Pathway Science Elective</td>
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<td></td>
<td>Mathematics: Geometry 1-2 (H)</td>
<td>Mathematics: Algebra 3-4 (H)</td>
<td>African American History</td>
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<tr>
<td></td>
<td>Science: Biology 1-2 (H) or Required Pathway Science Elective</td>
<td>Social Studies: Human Geography &amp; Economics (H) (AP)</td>
<td>Mexican American History</td>
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<td>Native American History</td>
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<td>Psychology Sociology</td>
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<td>Spanish for Spanish Speakers</td>
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<td>JROTC Leadership Academy</td>
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<tr>
<td>11</td>
<td>ELA: English 5-6 or AP Lang and Comp</td>
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<td>Plants &amp; Propagation</td>
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<td>Mathematics: Algebra 3-4 (H)</td>
<td>Mathematics: Pre-Calc Trig (H)</td>
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<td>Science: Required Pathway Science Elective</td>
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<td>Social Studies: World History 1-2 (AP)</td>
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<td>12</td>
<td>ELA: English 7-8 or AP Lit</td>
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<td>AP Environmental Science Capstone</td>
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<td></td>
<td>Mathematics: Pre-Calc/Trig (H) or MCC Modular Math 1315 and/or AP Statistics</td>
<td>Mathematics: AP Calculus AB or AP Calculus BC and/or AP Statistics</td>
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<td>Social Studies: Amer. Government or (AP) and Personal Finance (H)</td>
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<td>Physical Education/Band/JROTC: 4 credits total</td>
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<td>Human Growth and Dev.: 1 credit total</td>
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<tr>
<td>Prior to graduation</td>
<td>Electives: 16 credits total</td>
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## Career and Technical Student Organization
- Green Schools Club
- Work-Based Learning Experiences
- Green House

## Available Industry Certification
- CERT/Teen CERT

## Available Dual Credit
- UNO – AP Environmental Science

## High Wage, High Skill, High Demand Careers (Omaha Consortium)
- Architectural and civil drafters,
# Teaching as a Profession

<table>
<thead>
<tr>
<th>Grade</th>
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<td>Intro to Child Development</td>
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<td>Chemistry, Physics, or AP</td>
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<td>Physics 1</td>
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<td>Speech 1-2</td>
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<td>Adv Speech 1-2</td>
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<td>10</td>
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<td>Lifespan Development</td>
<td>African American History</td>
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<td>Principles of Education</td>
<td>Mexican American History</td>
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<td>Native American History</td>
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<td>11</td>
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<td>Best Practices in</td>
<td>JROTC Leadership Academy</td>
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<td>Education 1-2</td>
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<td>Practicum/Internship</td>
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<td>Suggested: Lifetime Wellness/Sports, PE Leadership.</td>
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<td>Educators Rising, Tri-M (ad) - start a chapter</td>
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<th>Work-Based Learning Experiences</th>
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<td>Observations, Practicum Experiences</td>
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<thead>
<tr>
<th>Available Industry Certification</th>
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<tbody>
<tr>
<td>Microsoft certification, CPR, First Aid</td>
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<th>Available Dual Credit</th>
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<tbody>
<tr>
<td>UNO Intro to Education</td>
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<th>High Wage, High Skill, High Demand Careers (Omaha Consortium)</th>
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<tbody>
<tr>
<td>Elementary, Middle School, High School Teacher(s), Health Specialties Post-secondary, Counselor, Psychologist, Special Ed Teacher, Speech &amp; Language Pathologist, Administrator, Corporate Trainer</td>
</tr>
</tbody>
</table>
**Visual Art**

**Required Courses:**
All courses count toward elective graduation requirements.

**Honors Courses:**
- Honors Art 5 & 6
- Honors Art 7 & 8
- Honors Studio Art 1 & 2
- Honors Pottery 3 & 4
- Honors Advanced Pottery 5 & 6
- Honors Advanced Applied Design 1 & 2

**Elective Courses:**
- Art 1 & 2
- Art 3 & 4
- Advanced Painting 1 & 2
- Applied Design 1 & 2
- Advanced Applied Design 1 & 2
- Art Appreciation
- Beginning Pottery 1 & 2
- Pottery 3 & 4
- Pottery 5 & 6
- Pottery 7 & 8
- Computer Graphic Design 1 & 2
- Computer Graphic Design 3 & 4

**ART 1 & 2**
This course offers beginning art students a foundation in basic drawing skills, design elements and principles, and color theory as they create original art works in a variety of media. 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. Students will be examining important works of art from a variety of cultures and time periods, participating in critiques of art works, and discussing aesthetic issues. This is a year-long course.
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9, 10, 11, 12*

**ART 3 & 4**
This course offers an expansion of skills and knowledge of drawing and design concepts, and further exploration of techniques and media, including watercolor and/or acrylic painting. Students will explore aesthetic issues, examine and discuss historically important art works from a variety of cultures, using the language of art criticism. 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. Prerequisite for this course is successful completion of Art 1-2 with a C or better or teacher permission.
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*

**HONORS ART 5 & 6**
This course offers serious art students the opportunity to apply the elements and principles of design to advanced projects in a variety of media (i.e.: various techniques of printmaking, painting, and/or sculpture). Students will engage in art criticism and aesthetic discussion as they explore various time periods and cultures from an art historical perspective. Honors requirements are: attend formal exhibits and submit exhibit reviews/critiques; write an in-depth research paper; complete written abstracts about artists and their work; refine individual work for exhibition and/or competition each semester; and keep a drawing and reflection sketchbook. **Prerequisites: successful completion of Art 3-4 with a B or better in both semesters and instructor approval.**
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*

**HONORS ART 7 & 8**
This course is a culmination of a sequential art experience for twelfth grade students. It provides selected students the opportunity to individualize projects to enhance their own styles in one or more media, while further exploring the philosophical and historical aspects of art. Honors requirements are: attend formal exhibits and submit exhibit reviews/critiques; write an in-depth research papers; complete written abstracts about artists and their work; refine individual work for exhibition and/or competition each semester; complete a comprehensive portfolio of their work; and keep a drawing and reflection sketchbook. **Prerequisite for this course is successful completion with a B or better in Art 5-6 or instructor approval based on portfolio review.**
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 11, 12*

**ADVANCED PAINTING 1 & 2**
This course is designed to provide students an in-depth experience in painting techniques and media usage. Students will develop and understanding of realistic, abstract, and non-objective painting styles. Students will experience working in watercolor, tempera, acrylic and/or water-soluble oils. Students will explore aesthetic issues, examine and discuss historically important paintings from a variety of cultures, using the language of art criticism. 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. Prerequisite for this course is successful completion of Art 3 & 4.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 10, 11, 12

HONORS STUDIO ART 1 & 2
This focus of this course is on the development of conceptual and technical skills used in contemporary studio practice. Students will complete an in-depth study of two-dimensional design elements and principles while using a variety of 2D media while drawing, painting, illustrating, printmaking and designing textiles. Students will work to develop a personal style in a chosen media and begin to develop a personal portfolio. Honors requirements are: attend formal exhibits and submit exhibit reviews/critiques; write an in-depth research paper; complete written abstracts about artists and their work; refine individual work for exhibition and/or competition each semester; participate in discussions and critiques and keep a drawing and reflection sketchbook. Prerequisite for this course is successful completion of Introduction to Studio Art with a B or better or permission of the instructor.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12

APPLIED DESIGN 1 & 2
This course explores design in crafts, with emphasis on function, decoration, cultural context. Students will be introduced to notable crafts movements and styles, and use the critical process to examine their own work, and examples from art history. Emphasis will be on understanding the relationship of form and function in utilitarian and decorative objects; as well as recognizing the effect of advances in technology on craft traditions. Students will be creating objects in a variety of media, demonstrating the use of elements and principles of design and understanding aesthetic theory and the creative process. 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 and craft.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 10, 11, 12

ADVANCED APPLIED DESIGN 1 & 2
This course expands on the concepts of Beginning Applied Design to emphasize creative use of design principles and advanced techniques in the creation of crafts and jewelry. Students will continue to explore the role of crafts and jewelry in various cultures throughout history and deepen their understanding of form vs. function and fine art vs. craft. Emphasis will be on craftsmanship, technique, function, expression, and content in examining works of others and in creating works of their own. 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 and craft.

Prerequisite: Applied Design.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12

HONORS ADVANCED APPLIED DESIGN 1 & 2
This course focuses on design and craftsmanship in jewelry as personal adornment, for second year applied design students who will complete additional assignments/projects to earn Honors credit. Requirements for Honors credit include independent research; in-depth art critiques; weekly sketchbook/journal entries; gallery and/or museum visits with reflections; development of the production of clay works based on research and reflection of master applied design artists; formal presentation of research, influence, artistic process and work. Prerequisite: Applied Design with a grade of B or better or instructor permission.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 12

ART APPRECIATION
This course surveys art from prehistory through contemporary times. Its focus includes various non-Western cultures as well as art of Western cultures. Emphasis is on developing understanding of art in its historical and cultural contexts and identifying universal themes and purposes for creating. Art production may be integrated into the course on occasion, but not central to it. Students will also learn to distinguish between personal preferences and informed evaluation when examining art works; utilize art vocabulary and apply the critical process.

Duration: 1 semester  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

POTTERY 1 & 2
This course explores hand-built pottery techniques in terms of form, function and cultural expression. A background in drawing, design and color is recommended. 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. Students will learn about pottery produced by artisans from various cultures and times, and use the critical process to evaluate their own work, as well as examples taken from art history.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12
POTTERY 3 & 4
This course will enable students to further develop hand building and wheel throwing skills, while they continue to study the development of pottery styles and techniques through history and in various cultures. Aesthetic issues related to form and function, the inherent expressive qualities of clay, and identifying good craftsmanship will be an ongoing part of the study. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of ceramic art. Prerequisite: Successful completion of Pottery 1-2 with a C or better or teacher permission.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 10, 11, 12

HONORS POTTERY 3 & 4
This course offers serious art students an expansion of skills and knowledge of skills and knowledge of hand built and wheel throwing skills and finishing techniques. Requirements for Honors credit include independent research; in-depth art critiques; weekly sketchbook/journal entries; gallery and/or museum visits with reflections; development of the production of clay works based on research and reflection of master ceramic artists; formal presentation of research, influence, artistic process and work. Prerequisite: Pottery 1-2 with a grade of B or better or instructor permission.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 10, 11, 12

POTTERY 5 & 6
This course is an advanced, individualized course providing selected students an opportunity to individualize projects, enhancing their style in the medium while further exploring the philosophical and historical aspects of clay art. Focus is on creating a series of clay pieces on a chosen theme, researching ceramic history or artists, keeping a pottery journal/sketchbook, becoming current with contemporary ceramic artists and styles, participating in workshops, and mixing glazes. Prerequisite: Pottery 3-4 with a grade of C or better or instructor permission.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 11, 12

HONORS POTTERY 5 & 6
This course is an advanced, individualized course providing selected students an opportunity to individualize projects, enhancing their style in the medium while further exploring the philosophical and historical aspects of clay art. Focus is on creating a series of clay pieces on a chosen theme, researching ceramic history or artists, keeping a pottery journal/sketchbook, becoming current with contemporary ceramic artists and styles, participating in workshops, and mixing glazes. Requirements for Honors credit include independent research; in-depth art critiques; weekly sketchbook/journal entries; gallery and/or museum visits with reflections; development of and production of clay works based on research and reflection of master ceramic artists; formal presentation of research, influence, artistic process and work. Prerequisite: Pottery 3-4 with a grade of B or better or instructor permission.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 11, 12

POTTERY 7 & 8
This course is an advanced, highly individualized course providing selected students an opportunity to individualize projects, enhancing their style in the medium and communicating impact and voice in their work, while further exploring the philosophical and historical aspects of clay art. Focus is on creating a series of clay pieces on a chosen theme/concept, researching ceramic history or artists, keeping a pottery journal/sketchbook, becoming current with contemporary ceramic artists and styles, participating in workshops and mixing glazes. Prerequisite for this course is successful completion of Pottery 5-6 or instructor permission.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 12

COMPUTER GRAPHIC DESIGN 1 & 2
This course is an introduction to computer graphics design. Students will learn the elements and principles of design, in addition to layout skills and other applications of computer technology (flyers, poster and package design, drawing illustration). Students will be given a foundation in the business and commercial applications of computer graphics.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12

COMPUTER GRAPHIC DESIGN 3 & 4
This course is a continuation of student preparation in the field of commercial art and graphic design. Students explore hardware and software used by the industry, building a portfolio of their work. Prerequisite for the course is successful completion of Computer Graphic Design 1-2.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 10, 11, 12
**Business**

**Required Courses:**
- Personal Finance

**Honors Courses:**
- Honors Accounting 3 & 4
- Honors Advanced Accounting 1 & 2
- Honors Career Foundations 1
- Honors Intro to Business
- Honors Management and Leadership 1 & 2
- Honors Marketing 3 & 4
- Honors Personal Finance

**Elective Courses:**
- Accounting 1 & 2
- Business and Consumer Law 1 & 2
- Business Internship Lab 1 & 2
- Career Foundations 1
- International Business
- Marketing 1 & 2
- Marketing Internship 1 & 2
- Entrepreneurship 1 & 2
- Personal Finance
- Principles of Business, Marketing, and Management 1 & 2
- IT Support Practicum 1 & 2

**PRINCIPLES OF BUSINESS, MARKETING, AND MANAGEMENT 1 & 2**
This course is designed as an introductory overview of the Business, Marketing, and Management Career Field. Units of study include economic systems, forms of business ownership, management, marketing, and accounting. Career opportunities will also be explored.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9, 10*

**ACCOUNTING 1 & 2**
This two-semester course covers sole proprietorship accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, and accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using the computer. An introduction to partnerships and corporations may be included.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*

**HONORS ACCOUNTING 3 & 4**
This is a two-semester course that includes partnership and corporate accounting, adjustment in inventory control systems, budgetary control systems, and further enhancement of accounting skills. *Accounting 1-2 is a prerequisite.*

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 11, 12*

**HONORS ADVANCED ACCOUNTING 1 & 2**
This two-semester course is designed to provide introductory knowledge of accounting principles, concepts, and practices. Included topics are the balance sheet, the income statement, the statement of owner’s equity, the statement of cash flows, worksheets, journals, ledgers, accruals, adjusting and closing entries, internal controls, inventories, fixed and intangible assets, liabilities, equity and financial statement analysis. This course provides a foundation for more advanced work in the fields of accounting and business. This course may be available for articulated or dual credit at a postsecondary institution.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 12*

**BUSINESS AND CONSUMER LAW 1 & 2**
A course designed to present the study of the legal rights and responsibilities necessary to be informed and productive citizens. Key concepts include contracts and torts, the role of courts, litigation, and constitutional issues including civil and criminal law.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 11, 12*

**MARKETING 1 & 2**
Students will explore the basic functions of marketing: pricing, promotion, product planning, and place/distribution: the marketing mix. The curriculum provides the foundational skills and knowledge in economics, communications skills/interpersonal skills, professional career development, business, management, and entrepreneurship. Application of academic concepts and technology are integrated throughout the curriculum.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*
HONORS MARKETING 3 & 4
The course will emphasize entrepreneurial development and responsive marketing strategies that meet customer needs. The course focuses on marketing concepts and the role of marketing in the organization and society. Topics include market segmentation, product development, promotion, distribution, and pricing. Additional topics include external environment, economics, politics, government, marketing research, international marketing, cultural diversity, ethics, technology, and careers in marketing. Capstone activities include development of a marketing or business plan.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12

MARKETING INTERNSHIP 1 & 2
The internship program provides 11th and 12th grade students with an individual career experience in the community. The internship is a supplement to formal classroom instruction. Students plan their internship with a teacher-coordinator and participate in a paid or unpaid occupational experience. Prerequisites: 1. Student’s approved by teacher-coordinator. 2. Successful completion/concurrent enrollment in corresponding courses.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12

HONORS MANAGEMENT & LEADERSHIP 1 & 2
This course emphasizes the basic concepts of management and leadership within a business or organization. It addresses characteristics, organization, and operation of business as major sectors of the economy. Students will investigate management issues involved in planning, organizing, leading, and controlling an organization. They will also acquire essential skills in the areas of emotional intelligence: time management, stress management, professional growth and development, communication, and relationship skills.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 10, 11, 12

ENTREPRENEURSHIP 1 & 2
Entrepreneurship is a course designed for students with a career interest in entrepreneurship. Emphasis is placed on the evaluation of the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The role of entrepreneurial businesses in the United States and the impact on the national and global economy will be explored. Instructional strategies may include the development of a business plan, operation of school-based business, or actual creation of a student-run business.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12

HONORS INTRO TO BUSINESS
This college-level course surveys the structure and functions of the American business system in a global society, together with an overview of business organization, economics, management, marketing, and finance. This course may be available for articulated or dual credit at a postsecondary institution.

Duration: 1 semester  Credit: 1 per semester  Grade Level: 12

INTERNATIONAL BUSINESS
This one-semester course is designed to help students explore international career possibilities, learn about a world of cultural differences, increase their understanding of international economies, and acquire knowledge about conducting business at the global level.

Duration: 1 semester  Credit: 1 per semester  Grade Level: 10, 11, 12

BUSINESS INTERNSHIP LAB 1 & 2
The internship program provides 11th and 12th grade students with an individual career experience in the community. The internship is a supplement to formal classroom instruction. Students plan their internship with a teacher-coordinator and participate in a paid or unpaid occupational experience. Prerequisites: 1. Student’s approved by teacher-coordinator. 2. Successful completion/concurrent enrollment in corresponding courses.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12

PERSONAL FINANCE
The goal of personal finance is to help students become financially responsible, conscientious members of society. This course develops student understanding and skills in money management; budgeting; financial goal attainment; use of credit; insurance; investments; and consumer rights and responsibilities. Application of academic concepts, technology, and career planning are integrated throughout the curriculum.

Duration: 1 semester  Credit: 1 per semester  Grade Level: 12
H PERSONAL FINANCE
This is an honors-level course in Personal Finance. The goal of personal finance is to help students become financially responsible, conscientious members of society. This course develops student understanding and skills in money management; budgeting; financial goal attainment; use of credit; insurance; investments; and consumer rights and responsibilities. Application of academic concepts, technology, and career planning are integrated throughout the curriculum. This course has the option of Dual Enrollment with Metro Community College.

*Duration: 1 semester*  
*Credit: 1 per semester*  
*Grade Level: 12*
**Career Studies**

<table>
<thead>
<tr>
<th>Required Courses:</th>
<th>Honors Courses:</th>
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<tr>
<td>All courses count toward elective graduation requirements.</td>
<td>H Intro to Education 1 &amp; 2</td>
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<th>Elective Courses:</th>
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<tr>
<td>Avenue Scholars 1 &amp; 2</td>
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**AVENUE SCHOLARS 1 & 2**
Avenue Scholars provides a two-year course, which prepares juniors and seniors for college access and career exploration. Major emphases in the course include higher order thinking skills, written and oral communication, goal setting, and peer collaboration. Students completing Avenue Scholars receive support throughout their college career and into a profession.

*Prerequisites: Application and program approval*

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 11, 12*

**H INTRO TO EDUCATION 1 & 2**
This course will expose students to the education profession through an introduction to pre-service preparation, societal influences on education, classroom practices, and the governance structures, which impact teachers and schools. This course is aligned with a dual enrollment opportunity for eligible students with UNO. A field experience is encouraged.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*

**PRINCIPLES OF EDUCATION AND TRAINING**
Course Number/ID: 141171
Course Description/Narrative: This course is designed to introduce students to career opportunities and related skills in the Education and Training career field, including teaching and professional educational training. Students will explore topics related to the foundation and history of education, the philosophy of education, roles of educators, instructional and assessment methods, diversity of cultures and communities related to educational settings, learner development, and professional development. Classroom, laboratory, and educational leadership activities are supplemented through Nebraska Educators Rising, a career and technical student organization. This course can be dual enrolled through UNO, based on teacher HLC guideline credentials, for TED 1010 for 3 credits.

**LIFESPAN DEVELOPMENT**
Course Number/ID: 141161
Course Description/Narrative: This course explores the physical, emotional, social, and intellectual development of individuals across the lifespan. External impacts on development, including family structure and practices, social and technological forces, and resources available to individuals and their outcomes will be explored. Classroom, laboratory, and educational leadership activities are supplemented through Educators Rising...
**Number of Credits Required for Graduation:**
Eight

**Required Courses:**
- English 1 & 2
- English 3 & 4
- English 5 & 6 or AP® Language & Composition
- English 7 & 8 or AP® Literature & Composition

**Honors Courses:**
- Honors English 1 & 2
- Honors English 3 & 4
- Honors Advanced Drama 5 & 6
- H Yearbook 1 & 2, 3 & 4, 5 & 6
- H Newspaper 1 & 2, 3 & 4, 5 & 6
- Honors Advanced Creative Writing 1 & 2
- Honors Speech 1 & 2
- H Journalism 1 & 2

**AP® Courses:**
- English Language & Composition 1 & 2
- English Literature & Composition 1 & 2
*Students develop cognitively, socially and emotionally along different time and interest continuums. For students who are willing and interested in advanced coursework, but do not meet the course prerequisites, an exception may be requested through a conversation involving building staff, parents/guardians, and the student.

**ENGLISH 1 & 2**
English 1-2 focuses on the Nebraska State Standards for Language Arts which include reading, writing, speaking, listening, and multiple literacies. Students use a variety of unique conceptual lenses (choices and consequences, heroes, life experiences and relationships, and identity) to gain command of essential skills in written and oral communication and the reading of literary and informational texts. Students use the writing process to produce five required pieces per semester in a variety of modes (narrative, persuasive, argumentative, analytical, and technical).
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9*

**HONORS ENGLISH 1 & 2**
Honors English 1-2 provides a more rigorous and intensive study of the language arts skills of reading, writing, speaking, listening, and multiple literacies as described in English 1-2. Students read a variety of literary and informational texts and produce five required pieces in the following modes: narrative, persuasive, argumentative, analytical, and technical. Additional course work is required above and beyond the regular English 1-2 course. **Prerequisites:** Any one of the following*:  
- Grade of “A” in English Language Arts-8 1 and 2,  
- Grade of “B” or higher in Honors English Language Arts-8 1 and 2,  
- MAP Reading score at or above a score determined by District English Language Arts Supervisor
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9*

**ENGLISH 3 & 4**
English 3-4 continues a focus with increasing complexity on the Nebraska State Standards for Language Arts which include reading, writing, speaking, listening, and multiple literacies. Students use a variety of unique conceptual lenses (relationships, culture, responsibility, integrity and honor) to gain command of essential skills in written and oral communication and the reading of literary and informational texts. Students use the writing process to produce five required pieces per semester in a variety of modes (narrative, persuasive, argumentative, analytical, and technical).
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10*

**HONORS ENGLISH 3 & 4**
Honors English 3-4 provides a more rigorous and intensive study of the language arts skills of reading, writing, speaking, listening, and multiple literacies as described in English 3-4. Students read a variety of literary and informational texts and
produce five required writing pieces in the following modes: narrative, persuasive, argumentative, analytical, and technical. Additional course work is required above and beyond the regular English 3-4 course.

**Duration:** 2 semesters  
**Credit:** 1 per semester  
**Grade Level:** 10

**ENGLISH 5 & 6**

English 5-6 continues a focus with increasing complexity on the Nebraska State Standards for Language Arts which include reading, writing, speaking, listening, and multiple literacies. Students use a variety of unique conceptual lenses related to the American experience (freedom, struggle and persecution, movements and justice, American dreams and disillusionment) to gain command of essential skills in written and oral communication and the reading of literary and informational texts. Students use the writing process to produce five required pieces per semester in a variety of modes (narrative, persuasive, argumentative, analytical, and technical).

**Duration:** 2 semesters  
**Credit:** 1 per semester  
**Grade Level:** 11

**ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION 1 & 2**

Advanced Placement English Language and Composition is an Advanced Placement course designed to engage students in the careful reading and critical analysis of primarily non-fiction works, but it also includes American literature and poetry. Through close reading and use of other AP learning strategies, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. This course follows the College Board curriculum and involves extensive reading and writing. Advanced educational credit may be available for students who successfully pass the AP Exam. Dual enrollment options may be available. **Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.**

**Duration:** 2 semesters  
**Credit:** 1 per semester  
**Grade Level:** 12

**ENGLISH 7 & 8**

English 7-8 is a culminating course focusing on the Nebraska State Standards for Language Arts which include reading, writing, speaking, listening, and multiple literacies through a study of British and global literature. Students use a variety of unique conceptual lenses (heroes/leaders, good/evil, human fallibility, global power, and governance) to gain command of essential skills in written and oral communication and the reading of literary and informational texts. Students produce five required writing pieces in the following modes: narrative, persuasive, argumentative, analytical, and technical.

**Duration:** 2 semesters  
**Credit:** 1 per semester  
**Grade Level:** 11

**ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION 1 & 2**

Advanced Placement English Literature and Composition is an Advanced Placement course that engages students in the critical analysis of selected texts from ancient Greece to the contemporary world. Students continue to practice close reading techniques, build their vocabularies and comfort with the language of literary analysis, and approach texts independently with increasing sophistication and critical thinking. This course follows the College Board curriculum and involves extensive reading and writing. Advanced educational credit may be available for students who successfully pass the AP Exam. Dual enrollment options may be available. **Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.**

**Duration:** 2 semesters  
**Credit:** 1 per semester  
**Grade Level:** 12

**ACT TEST PREP**

This course is designed for college-bound students to help prepare them for college entrance exams, i.e. ACT, SAT, PSAT. Emphasis will be on vocabulary, literacy skills, writing skills and grammar. Math and science will also be covered.

**Prerequisites:** English 3-4 with a grade of C or better and English teacher recommendation

**Duration:** 1 semester  
**Credit:** 1 credit  
**Grade Level:** 10, 11

**WORD STUDY**

This course examines the Greek and Latin roots of English words. Students will learn to think and read with more understanding and to expand their usage of adult vocabulary. It is a college preparatory course designed to prepare students for the ACT and SAT examinations.

**Duration:** 1 semester  
**Credit:** 1 per semester  
**Grade Level:** 10, 11

**CREATIVE WRITING 1 & 2**

This course allows students to develop their writing talents through activities, which focus on the writing of fiction and nonfiction works. This may include the writing of the short story, poetry, the essay, drama, and other forms of writing as assigned.

**Duration:** 2 semesters  
**Credit:** 1 per semester  
**Grade Level:** 9, 10, 11, 12

**HONORS ADVANCED CREATIVE WRITING 1 & 2**

This course is similar to Creative Writing 1-2. However, this course allows students, individually, to spend more time doing in-depth writing in genres of special interest to them.
DRAMA 1 & 2
This course provides an introduction to drama and theater as an art form. Students enrolled in this course will learn and apply basic principles of acting and fundamentals of stage terminology and audience etiquette. Participants will study, experience, and perform pantomime, improvisation, monologues, original scenes, and create, write, and perform original scripts/plays. Students will also study the technical aspects of theater and an introduction to theater history. Students are required to attend and critique all school play and musical productions. Honors credit is available for this course.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 10, 11, 12

ADVANCED DRAMA 3 & 4
This course is a continued in-depth study and application of acting principles, terminology, and theater history. Students will also learn and apply the fundamentals of directing, stage, lighting, and costume design. Students are required to attend and critique two live stage productions per semester.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12

HONORS ADVANCED DRAMA 5 & 6
This course is a continued in-depth study and application of acting principles and techniques, drama terminology, and special topics in drama/theater. Students will also learn and apply the fundamentals of acting, directing, and playwriting to create and perform original and scripted performance pieces for high school, middle school, and elementary school students. Students are required to attend and critique all school plays and musical productions and attend and critique one additional live stage production per semester. Students will be required to participate in activities both in and out of class requiring additional preparation and work including critiques, projects, and papers as assigned by the instructor. This course may be taken more than one time for credit. Prerequisite: Average B or above in Drama 3-4 and teacher permission.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 11, 12

H SPEECH 1 & 2
This class develops students speaking and acting skills on a competitive level. Students will be an active member of Northwest’s Forensic Speech Team. Advanced Speech requires students to participate in a minimal of three (3) competitive speech events per semester. The formal speech season begins in November and ends in March. Each student will choose their events and develop their public address or interpretive event speeches independently in accordance with the National Forensics League’s guidelines. This course is non-traditional class and runs as a workshop; students must be focused and self-motivated as the teacher acts as coach and facilitator. This is a NSAA sanctioned event therefore subject to the NSAA grade requirements for participation.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12

ENGLISH REVIEW
This course, one semester in length (presented both semesters), allows a student the one-time opportunity to remove an English credit deficiency for English 1-8. The course addresses all reading, writing, speaking and listening standards. Five formal compositions are required.

Duration: 1 semester  
Credit: 1 per semester  
Grade Level: 12

LITERACY SKILLS 1 & 2
Students in this course will improve reading proficiency with explicit, direct instruction in fluency, vocabulary, and comprehension. Strategies for phonemic awareness and phonics will be taught as needed. Students will read leveled, high interest literature for both academic and recreational purposes. Placement is based on Standardized test scores and teacher recommendation.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12

ACADEMIC LITERACY 1 & 2
This course helps students develop skills and knowledge to improve their engagement, fluency, and comprehension of content-area materials and texts. Students will learn to understand and regulate their own reading processes while developing strategies for overcoming reading obstacles. Placement is based on standardized test scores and teacher recommendation.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12
PHOTOJOURNALISM 1
Photojournalism students learn and apply advanced photography and software techniques to produce high quality photographs for the yearbook, newspaper, and/or newspaper website.
Duration: 1 semesters Credit: 1 per semester Grade Level: 9, 10, 11, 12

DIGITAL JOURNALISM 1
Digital Journalism focuses on a variety of media platforms for the 21st century, placing emphasis on the laws and ethics of both online and video journalism which include the development of skills in online newspaper and web design, podcasts, news broadcasting and social media. Students will understand what positive and objective digital citizenship is in addition to acquiring skills that help to prepare them for advanced journalism courses.
Duration: 1 semesters Credit: 1 per semester Grade Level: 9, 10, 11, 12

H YEARBOOK 1 & 2
Students enrolled in this course are responsible for the production of the school yearbook. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are required. Prerequisites: Successful completion of a “C” or higher in either Journalism 1-2, Honors Journalism 1-2, or both photojournalism and digital journalism. It also requires Journalism Adviser permission.
Duration: 2 semesters Credit: 1 per semester Grade Level: 10, 11, 12

H YEARBOOK 3 & 4
Students enrolled in this course are responsible for the production of the school yearbook. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are required. Students will assume additional responsibilities and assignments. This course is for second year yearbook students. Prerequisites: Successful completion of a “C” or higher in Honors Yearbook 1-2 AND requires Journalism Adviser permission.
Duration: 2 semesters Credit: 1 per semester Grade Level: 10, 11, 12

H YEARBOOK 5 & 6
Students enrolled in this course are responsible for the production of the school yearbook. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are required. Students will assume additional responsibilities and assignments. This course is for third year yearbook students. Prerequisites: Successful completion of a “C” or higher in Honors Yearbook 3-4 AND requires Journalism Adviser permission.
Duration: 2 semesters Credit: 1 per semester Grade Level: 11, 12

STAGECRAFT 1 & 2
This course focuses on providing students with an understanding of technical theater, including theater safety, parts of a theater, theatrical rigging systems, the safe use of tools, basic set construction, introduction to set design, introduction to
theatrical lighting and sound, stage management, and the use of other theatrical equipment. In addition, students will be introduced to theatrical costumes, properties, and theatrical makeup and the role each plays within a production. Students are required to attend and critique all school play and musical productions. Prerequisite: Average C or above in Drama 1-2 or Industrial Tech (or middle school equivalent) and teacher permission. Strong interest in the “behind the scenes” working of a theatrical production is a must. Some experience in building/construction is good, but not necessary. Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 10, 11, 12

ADVANCED STAGECRAFT 1 & 2
This course focuses on providing students with an advanced understanding of technical theater, set design and construction, the safe use of tools, theatrical rigging systems, and other theatrical equipment. Students enrolled in this course will read and technically analyze play/musical productions and take leadership roles in the technical dimension of school productions which include: designing and building sets, operating theatrical riggings, designing and leading the light, sound properties, makeup and costume crews, and stage management. They will also assist the technical director during school productions while maintaining focus on safety in all operations and procedures. Students must critique the production process and complete other projects related to technical theater in and outside of the classroom. Students are required to attend and critique all school play and musical productions. This course may be taken more than one time for credit. Prerequisite: Average B or above in Stagecraft 1-2 and teacher permission. Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12
With the exception of English 1-2 ELL, all courses count toward elective graduation requirements.

Required Courses:
- English 1-2 ELL meets English 1 & 2 requirement
- U.S. History 1-2 ELL meets U.S. History 1 & 2 requirement

Elective Courses:
- ESL 1 & 2
- ESL 3 & 4
- ESL Reading 1 & 2
- ESL Reading 3 & 4
- ESL Science Foundations 1 & 2
- ESL Science Foundations 3 & 4
- ESL Social Studies Foundations 1 & 2
- ESL Social Studies Foundations 3
- ESL Human Geography
- Academic Language Study EL

ESL 1 & 2
This course is designed for the beginning ESL student. The focus of this course will be to develop basic communication skills, a beginning English language vocabulary, and a primary understanding of grammatical structures. This course is typically for a first-year English language learner.

ESL 1 & 2 EXTENSION
This course is a continuation of ESL 1-2 for the beginning ESL student. The focus of this course will be to develop basic communication skills, a beginning English language vocabulary, and a primary understanding of grammatical structures. This course is typically for a first-year English language learner.

Duration: 2 semesters  
Credit: 2 per semester  
Grade Level: 9, 10, 11, 12

ESL READING 1 & 2
This course is designed to build reading skills in English for the beginning ESL student. The focus will be to provide successful experiences in reading English at a beginning level, while building skills in recognizing basic sight words, using context clues and prior knowledge to derive word meaning, identifying main idea, summarization of reading passages, and dictionary usage.

ESL READING 1 & 2 EXTENSION
This course is a continuation of ESL 1-2 for the beginning ESL student. The focus of this course will be to develop basic communication skills, a beginning English language vocabulary, and a primary understanding of grammatical structures. This course is typically for a first-year English language learner.

Duration: 2 semesters  
Credit: 2 per semester  
Grade Level: 9, 10, 11, 12

ESL 3 & 4
This course is designed for the intermediate ESL student. The focus of this course will be to continue the development of communication skills, English language vocabulary, and understanding of grammatical structures. Successful completion of learning goals from ESL 1-2 or demonstration of equivalent skills is required for registration in this course.

ESL 3 & 4 EXTENSION
In this course, intermediate ESL students discover how to use and expand writing, reading, and communication skills to ensure academic success. This class will focus on syntax, vocabulary development, reading, listening comprehension, speaking/pronunciation skills, and writing multiple-paragraph compositions demonstrating organization of ideas, use of a thesis statement, and supportive elements. Instruction of grammar and vocabulary will be infused in the context of reading with academic writing skills emphasized. This course contributes to skills ESL students need to be successful in mainstream classes.

Duration: 2 semesters  
Credit: 2 per semester  
Grade Level: 9, 10, 11, 12

ESL READING 3 & 4
This course is designed for intermediate ESL students to improve reading skills. Emphasis is on developing comprehension skill through fluency, summarizing and sequencing events in a reading passage, recognizing cause and effect, and using systematic strategies to locate information from textbooks, charts, graphs, and tables. Successful completion of learning goals from ESL Reading 1-2 or demonstration of equivalent skills is required for registration in this course.

ESL READING 3 & 4 EXTENSION
This course is designed for intermediate ESL students. The focus of this course is to improve reading and writing skills. Students will continue developing comprehension, vocabulary, speaking, listening, and writing/grammar in context. All concepts will be taught through small and whole group instruction focusing on differentiation of reading material to ensure academic success of all students.

Duration: 2 semesters  
Credit: 2 per semester  
Grade Level: 9, 10, 11, 12
ENGLISH 1-2 ELL
This course offers the English 1-2 curriculum with enhanced vocabulary focus and cultural orientation for ELL students.
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

ESL READING 5 & 6
This course is designed for advanced ESL students with a focus on developing increased fluency in reading more advanced materials. Students will develop comprehension strategies and build vocabulary skills, as well as develop capacity for written response to a variety of reading materials. Successful completion of learning goals from ESL Reading 3-4 or demonstration of equivalent skills is required for registration in this course.
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

ESL SOCIAL STUDIES FOUNDATIONS 1 & 2
This course provides the beginning ESL student with basic background information about U.S. history, geography, and government. This course develops study skills, builds vocabulary, and leads to an understanding of key events and historical figures, preparing students for participation in the high school social studies curriculum.
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

U.S. HISTORY 1-2 ELL
This course is restricted for ESL students who are concurrently enrolled in ESL 3-4 or ESL 5-6. A special focus on language development is provided, but content and standards are the U.S. History standards. This course continues the study of United States history from 1914 to present. Students address the social, economic, and political development of the nation and relate it to both past and present. Instruction is organized around the themes of geography, history, economics, culture, and the elements of citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources, and technology.
Prerequisites: Referral by ESL building staff
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

ESL SCIENCE FOUNDATIONS 1 & 2
This course provides the beginning ESL student with science-related vocabulary and an introduction to science concepts. Students prepare for success in the high school science curriculum.
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

ESL TUTORIAL 1 & 2
This non-credit section offers ESL students support for other credit courses. Tutorial assistance is offered in individualized settings, with instruction available in identified need areas.
Duration: 2 semesters  Credit: 0 per semester  Grade Level: 9, 10, 11, 12

ESL SOCIAL STUDIES FOUNDATIONS 3
This course provides the ESL student with continued study regarding U.S. History, Geography, and Government. This course develops study skills, builds vocabulary, and leads to an understanding of key events and historical figures, preparing students for participation in the high school social studies curriculum.
Duration: 1 semester  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

ESL HUMAN GEOGRAPHY
What is HUMAN GEOGRAPHY? This course provides an effective method for studying human activities on Earth’s surface. Human interaction with one another and the environment will be studied and analyzed to provide an understanding of the world in which we live. The course is divided into four units: Population & Cultural Geography, Urban Geography, Political Geography, and Economic & Environmental Geography.
Duration: 1 semester  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

ACADEMIC LANGUAGE STUDY EL
This year-long course is designed to boost academic language development of Long-Term English Learners (LTELs). This course will focus on teaching high-leverage academic language, including vocabulary, syntax, and complex grammatical structures. Through the coursework, LTELs will engage in academic conversations and peer collaboration while reading authentic, increasingly complex information and literacy texts that are relevant to students' lives. The course curriculum will also aim to develop LTELs' academic writing skills to successfully write summaries, opinions, informative texts, and research papers. The course will provide LTELs with opportunities to make regular connections between coursework and the demands of college and the workplace.
Prerequisites: Follow Long-Term ELs Scheduling Recommendations
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 12
**Required Courses:**
Human Growth and Development (can be opted out of)

**Honors Courses:**
Honors Child Development 1 & 2
Honors Human Growth & Development

**Elective Courses:**
Family Living 1 & 2
Intro to Child Development
Foods 1 & 2
Culinary Skills 1 & 2
Sports Nutrition
Textiles Construction and Design 1 & 2
Textiles Construction and Design 3 & 4

**INTRODUCTION TO CHILD DEVELOPMENT 1 & 2**
This course will provide students with knowledge and skills necessary for working with children as parents or caregivers. Topics of study will include parenting readiness, guidance, family differences, prenatal development, the birth process, and early childhood developmental stages.

*Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12*

**HONORS CHILD DEVELOPMENT 1 & 2**
This honors course introduces the challenges and responsibilities of guiding the physical, emotional, social and intellectual development of children. This course is aligned with a dual credit opportunity and is a required course for the Early Childhood Career Pathway. *Prerequisite: C or better in Introduction to Child Development*

*Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12*

**FAMILY LIVING 1 & 2**
This course focuses on the family as the basic unit of society, recognizing the diversity and responsibilities included in maintaining a strong family. Skills are strengthened in resource management, decision-making, communication skills, developing healthy relationships, and crisis management.

*Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12*

**FOODS 1 & 2**
This course introduces nutrition, wellness and food preparation skills to students. The course involves the study of cultural and social aspects of nutrition and food time management. *Students with food allergies should give careful consideration as this course uses ingredients which contain, but are not limited to nuts, peanut butter, fish and shell fish. Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course.*

*Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12*

**CULINARY SKILLS 1 & 2**
This course introduces professional skills related to the culinary industry including basic cooking procedures, kitchen safety and sanitation, tool and equipment usage, and preparation of stocks and sauces. Students will apply these skills through catering projects and experiences. *Prerequisite: C or better in Foods 1-2) Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course.*

*Duration: 2 semesters  Credit: 1 per semester  Grade Level: 10, 11, 12*

**SPORTS NUTRITION**
This course focuses on general nutrition, healthy lifestyles, diet choices, and optimal athletic performance.

*Duration: 1 semester  Credit: 1 per semester  Grade Level: 9, 10, 11, 12*

**TEXTILES CONSTRUCTN AND DESIGN 1 & 2**
Interested in Fashion Design? Interior Design? Clothing & Textiles construction? In this class, students explore the definition and application of elements and principle of design in living spaces, fashion and/or textiles. Design trends, inspiration sources, technical tools (hand and computer), fiber/fabric types and much more are explored through examples, exercises, critiques and creative projects. Basic sewing construction is learned in this class. A portfolio will be developed, which will be used in related upper level sources for this Design program of study. Students are exposed to career opportunities and skills necessary for the design career fields of fashion, interiors and/or textiles.

*Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12*
TEXTILE CONSTRUCTION & DESIGN 3-4
This intermediate Design program of study course expands upon the elements and principles of design learned in Textiles, Construction & Design 1-2. Hands-on projects combine sewing construction techniques, fashion trends, consumer skills, fibers and fabrics. This course also incorporates creative and technical design skills that are required in the clothing, textiles and fashion industry. Prerequisite: C or Better in TCD 1-2.
Duration: 2 Semesters Credit: 1 per Semester Grade level: 10, 11, 12

HUMAN GROWTH AND DEVELOPMENT HS
This course helps senior high students acquire responsible decision-making skills related to wellness, communication skills, healthy relationships, preventing abuse, chemical usage, sexuality, prenatal care, etc... All senior high school students are required to enroll in one of the Human Growth and Development courses, but a parent/guardian may choose to opt out his/her student.
Duration: 1 semester Credit: 1 per semester Grade Level: 10, 11

HONORS HUMAN GROWTH & DEVELOPMENT
This honors course helps high students acquire responsible decision-making skills related to wellness, communication, healthy relationships, preventing abuse, chemical usage, sexuality, prenatal care, etc... Expectations include additional reading assignments and more in-depth projects than the regular Human Growth course. All senior high school students are required to enroll in one of the Human Growth and Development courses, but a parent/guardian may choose to opt out his/her student.
Duration: 1 semester Credit: 1 per semester Grade Level: 10, 11
Industrial Technology

Required Courses:
All courses count toward elective graduation requirements.

Honors Courses:
Honors Industrial Materials and Processes 7 & 8
Honors CAD/Design Engineering 7 & 8

Elective Courses:
CAD/Design Engineering 1 & 2
CAD/Design Engineering 3 & 4
CAD/Design Engineering 5 & 6
Industrial Materials and Processes 1
Industrial Materials and Processes 2
Industrial Materials and Processes 3 & 4
Industrial Materials and Processes 5 & 6
Industrial Technology Enrichment
Intro to Robotics 1 & 2
Ind Safety and Health

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<th>Industrial Technology Course Sequence for 9th Grade Geometry students</th>
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<tr>
<td><strong>9th Grade</strong></td>
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<tr>
<td>CAD/Design 1-2</td>
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<tr>
<td>Intro to Robotics 1-2</td>
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</table>

CAD/DESIGN ENGINEERING 1 & 2
This course will introduce the student to basic drafting skills, technology, and introductory applications of graphic communications. The development of visualization skills, sketching, and the use of software programs used in computer aided drafting (CAD). Dual enrolled with ARCH 1100 & 1110 at MCC
Duration: 2 semesters Credit: 1 per semester Grade Level: 9, 10

CAD/DESIGN ENGINEERING 3 & 4
This course will further develop skills introduced in CAD/Design Engineering 1-2 to produce complete, accurate drawings. Applications to architecture and machine tool drawing will be emphasized. Continued development CAD skills will be stressed. CAD/Design 1-2 may be Dual enrolled with ARCH 1200 at MCC
Duration: 2 semesters Credit: 1 per semester Grade Level: 10, 11

CAD/DESIGN ENGINEERING 5 & 6
This course will further refine skills developed in CAD/Design Engineering 3-4 to produce drawings in either architectural or machine tool drafting. Continued development of CAD skills will be stressed. Prerequisite: CAD/Design 3-4.
Duration: 2 semesters Credit: 1 per semester Grade Level: 11, 12

HONORS CAD/DESIGN ENGINEERING 7 & 8
This course provides students the opportunity to further refine their skills in either architectural or machine tool drafting using CAD. Students will produce a project that may include using 3-D design, animation, or CAD.
Prerequisite: CAD/Design 5-6
Duration: 2 semesters Credit: 1 per semester Grade Level: 12

INDUSTRIAL MATERIALS AND PROCESSES 1 & 2
This course provides the opportunity for students to learn how to use hand tools and power equipment. Students will construct, assemble, and complete products using many materials and processes that permit better understanding of construction and manufacturing techniques. Projects are constructed using wood, metals, and plastics. Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course.
Duration: 2 semesters Credit: 1 per semester Grade Level: 9, 10, 11, 12
INDUSTRIAL MATERIALS AND PROCESSES 3 & 4
This course is an extension of Industrial Materials and Processes 1-2. In this second-year course, more advanced problems and techniques are taught. These include both individual and group activities involving production of various products. Application of knowledge and skill is emphasized. Prerequisite - Industrial Mat Pro 1-2. Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course.
Duration: 2 semesters Credit: 1 per semester Grade Level: 10, 11, 12

INDUSTRIAL MATERIALS AND PROCESSES 5 & 6
This course is an extension of Industrial Materials and Processes 3-4. In this third-year course, more advanced problems and techniques are taught. These include both individual and group activities involving production of various products. Application of knowledge and skill is emphasized. Prerequisite: Industrial Mat Pro 3-4. Students are required to pass all safety tests during the first 9 school days. Failure to complete this requirement will result in removal from the course.
Duration: 2 semesters Credit: 1 per semester Grade Level: 11, 12

HONORS INDUSTRIAL MATERIALS AND PROCESSES 7 & 8
This course is an extension of Industrial Materials and Processes 5-6. In this fourth-year course, more advanced problems and techniques are taught. These include both individual and group activities involving production of various products. Application of knowledge and skill is emphasized. Prerequisite - Industrial Mat Pro 5-6
Duration: 2 semesters Credit: 1 per semester Grade Level: 12

INDUSTRIAL TECHNOLOGY ENRICHMENT
This course offers the talented and motivated engineering technology, math and science students the opportunity to experience reinforcement and extension of practical applications of science and math to solve problems involving tools, machines, materials and processes.
Duration: 2 semesters Credit: 1 per semester Grade Level: 12

MANUFACTURING INTERNSHIP
The internship program provides 11th and 12th grade students with an individual career experience in the community. The internship is a supplement to formal classroom instruction. Students plan their internship with a teacher-coordinator and participate in a paid or unpaid occupational experience. Prerequisites: 1. Student’s approved by teacher-coordinator 2. Successful completion/concurrent enrollment in corresponding courses.
Duration: 2 semesters Credit: 1 per semester Grade Level: 12

INTRO TO ROBOTICS 1 & 2
Students will design and build a robot to participate in area robotics competitions. Major units of study will focus on the engineering design process, designing and building a controllable base, designing and building a manipulator and programming of the mechanical system using logic based control and simple sensors.
Duration: 2 semesters Credit: 1 per semester Grade Level: 11, 12

IND SAFETY AND HEALTH
This course covers the basics of industrial safety and health. Topics covered are OSHA-required and include introduction to OSHA, managing safety and health, hazard communication, fire protection, emergency action plans, electrical safety, PPE, material handling, and machine guarding. This course also covers OSHA elective areas such as BBP, fall protection, welding, LOTO, and confined spaces. Students who successfully complete all OSHA-requirements are eligible to receive the OSHA 30-hour general industry card.
Duration: 1 semester Credit: 1 per semester Grade Level: 12
**Information Technology**

**Required Courses:**
All courses count toward elective graduation requirements.

**Honors Courses:**
- Honors Web Site Mgmt. 3 & 4
- Honors FACTS 1
- H Introduction to Digital Design
- H Digital Media

**Elective Courses:**
- IT Fundamentals 1 & 2
- FACTS 1
- Web Design 1 & 2
- Husky Vision 1 & 2
- Husky Vision 3 & 4
- Husky Vision 5 & 6
- Programming 1 & 2
- Programming 3 & 4

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<tr>
<th>Information Technology Course Sequence</th>
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<tbody>
<tr>
<td><strong>9th Grade</strong></td>
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<tr>
<td>Honors Facts / Facts</td>
</tr>
<tr>
<td>Programming 1 &amp; 2</td>
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**Freshman Seminar**
Academic, Careers and Technical Literacy prepares freshmen for skills and demands required for success in high school and in real-world environments. Student's unique interests, learning styles, and aptitudes are evaluated to explore work place challenges, investigate career pathways, and increase technological skills. Correlating academics with the Nebraska Career Education model of 16 career clusters is the basis for the course and emphasizes: Employability, Ethics, Systems, Teamwork, Career Development, Problem Solving, Critical Thinking, Information Technology Application, Legal Responsibilities, Communication, Safety, Health, and the Environment. Students will be introduced to the Naviance academic planning program and explore the applications of the online binder.

*Duration: 2 Semesters*  
*Credit: 1 per semester*  
*Grade Level: 9*

**INFO TECH FUNDAMENTALS 1 & 2**
Students are introduced to the proper use of information technologies (IT). In addition, they will be introduced to hardware and software selection and use, technology resource support, and ethical issues. Students will investigate information technology careers and certifications in networking, programming, and IT support services. Units would include, but not be limited to, exploring concepts in networking, programming, and support services, computer hardware components and peripherals, system and application software, and impact of technology on society.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9, 10*

**H INTRODUCTION TO DIGITAL DESIGN**
This course will introduce students to the technical tools and processes used in digital design. Students will be introduced to the design process model which includes typography, color, and imagery. In addition, design software will be utilized to create graphic, animation, web pages, and video. Students will demonstrate proper use of fair use guidelines and will explore career opportunities.

*Duration: 1 semester*  
*Credit: 1 per semester*  
*Grade Level: 9, 10, 11, 12*

**H DIGITAL MEDIA**
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.

**WEB DESIGN 1 & 2**
Students will demonstrate knowledge of web design and languages, including Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) 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. This course may be available for articulated or dual credit at a postsecondary institution.

*Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12*

**HONORS WEB SITE MGMT 3 & 4**
This is an advanced level course in web design. Students will demonstrate knowledge of web design and languages, including Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS) 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. This course may be available for articulated or dual credit at a post-secondary institution.

*Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12*

**PROGRAMMING 1 & 2**
Programming covers fundamental concepts of programming. These are provided through explanations and effects of commands and hands-on utilization of computers to produce correct output. This course introduces effective techniques necessary for the efficient solution of variety of complex problems using high-level programming language. It includes problem description, flow charts, hierarchy diagrams, pseudo code, and program documentation as a means of solving these problems. This course emphasizes the creation of efficient algorithms through fundamental programming techniques such as input/output handling, programming structures, and data storage. Students are introduced to project management techniques, including standard debugging techniques and collaborative programming strategies.

*Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 10, 11, 12*

**PROGRAMMING 3 & 4**
Students will demonstrate advanced skills in the software development life cycle through in-depth use of modern programming language. The content covered will include high-level, object-oriented concepts, while emphasizing the design of elegant solutions and efficient algorithms. Topics covered include the use of simple data types as well as complex data structures, best practices in application design, and the collaborative and social aspects of computing.

*Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 9, 10, 11*

**HUSKY VISION 1 & 2**
Students will use multimedia software to create and produce a daily broadcast of the Husky Vision. The Husky Vision will be modeled after local and national news broadcasts and students will produce important daily local news with an emphasis on events taking place within the school and school community including, but not limited to, coverage of sporting events, club events, fashions, special interest stories and classroom activities. **Prerequisite H Digital Design & H Digital Media.**

*Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 10, 11*

**HUSKY VISION 3 & 4**
Northwest High School offers students an in-depth look into the video production industry. Students learn how to use a digital video camera and editing software to produce movie segments using still photos and film. Student projects include producing a public service announcement, a promotional ad, a short movie using stills, a short movie using film and more. Students in Husky Vision 1 and 2 will have the opportunity to perfect their production skills and move to Husky Vision 3-4 the following year.

*Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 10, 11, 12*

**HUSKY VISION 5 & 6**
Northwest High Magnet offers students an in-depth look into the video production industry. Students learn how to use digital video camera and editing software to produce video segments using skill photos and film. Student projects including producing a public service announcement, a promotional ad, a short movie using skills, film, and more. This is an advanced level course with Husky Vision 1-2 and Husky Vision 3-4 being prerequisites.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 11, 12
# Magnet Focus
## Law, Government, International

### Law and Government

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course Details</th>
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<tbody>
<tr>
<td>9th Grade – Required Course</td>
<td>Intro to Law, Government, International Diplomacy</td>
</tr>
<tr>
<td>9th Grade Required Prerequisite</td>
<td>Law, Public Safety, and Security</td>
</tr>
<tr>
<td>10th Grade Required Prerequisite</td>
<td>Law, Public Safety, and Security</td>
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<tr>
<th>Magnet Elective Courses 10, 11, 12</th>
<th>Intro to Law &amp; The Constitution</th>
<th>Intro to Criminal Justice &amp; Police and Society</th>
<th>Fire Chemistry &amp; Intro to Fire Protection</th>
<th>Trial, Practice, and Advocacy ** &amp; Evidence **</th>
<th>H. Forensic Science 1 &amp; H. Forensic Science 2</th>
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<tr>
<td>Magnet Elective Courses 11, 12</td>
<td>Business &amp; Consumer Law 1 &amp; Business &amp; Consumer Law 2</td>
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<td>NW Forensic Science 3 &amp; NW Forensic Science 4</td>
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<tr>
<td>Magnet Elective Courses 12</td>
<td>History of Civil Rights &amp; Social Justice Service Learning</td>
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<td>Honors Forensic Science 5 &amp; Honors Forensic Science 6</td>
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### International Diplomacy

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<tr>
<th>Grade</th>
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<tbody>
<tr>
<td>9th Grade - Required Course</td>
<td>Intro to Law, Government, and International Diplomacy and Law, Public Safety, and Security</td>
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<td>World Language</td>
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<td>Magnet Elective Courses 10th Grade</td>
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<td></td>
<td>Political Science/Model UN</td>
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<td>World Language</td>
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<td>Magnet Elective Courses 11th Grade</td>
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<td>Model UN +</td>
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<td>Magnet Elective Courses 12th Grade</td>
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<td>International Diplomacy ++</td>
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<td>World Language</td>
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**Courses required for Mock Trial Competition.**

+ 11th Grade Model UN course students compete in the Global Classrooms International High School Model UN Conference (GCIMUN) in New York City during the month of May.

++ 12th Grade International Diplomacy students provide leadership and guidance for the successive class (11th Grade) to compete in the GCIMUN competition.
Magnet Courses

Required Courses:
All courses count toward elective graduation requirements.

Honors Courses:
NW H Forensic Science 5-6

Introductory Courses into the Magnet Program
Intro to Law, Government, and International Diplomacy
Law, Public Safety and Security (LPSS)

Students can elect to be a part of the Honors Law Academy which provides a cohort opportunity through the Law sequence.

Elective Courses:
Evidence
Fire Chemistry
International Diplomacy 1 & 2
Intro to Criminal Justice
Intro to Fire Protection
Intro to Law
Model UN 1 & 2
NW Forensic Science 3-4
Police & Society
Political Science/Model United Nations 1 & 2
Social Justice Service Learning
The Constitution
The History of American Civil Rights Movements
Trial Practice and Advocacy
Intro to Paralegal
Legal Research and Writing
Emergency Dispatch 9-1-1

INTRODUCTION TO LAW, GOVERNMENT, AND INTERNATIONAL DIPLOMACY
In this magnet introductory course, freshmen will explore the areas of law, government, and international diplomacy. This course is a survey-style course where students gain introductory knowledge of the magnet themes.
Duration: 1 semester
Credit: 1 per semester
Grade Level: 9

LAW, PUBLIC SAFETY AND SECURITY, LEGAL SERVICES (LPSS)
This course will explore the five pathways of law: correction services, emergency/fire, security and protective services, and law enforcement. The course will also include an overview of the legal system, the history and origins of our legal system, and the theoretical and philosophical underpinnings of the law. Prerequisites: Into Law, Gov’t, Diplomacy
Duration: 1 semester
Credit: 1 per semester
Grade Level: 9, 10

TRIAL PRACTICE AND ADVOCACY
Trial Practice & Advocacy examines the differences between bench and jury trials; the trial process; and the respective roles of the attorney and paralegal in the trial preparation processes. Prerequisites: LGID & LPSS
Duration: 1 semester
Credit: 1 per semester
Grade Level: 10, 11, 12

EVIDENCE
This is a comprehensive course covering the rules governing the introduction, collection, and presentation of evidence in judicial proceedings. Attention is focused on the Nebraska Evidence Rules, and the general principles of the common law of evidence. Areas of Concentration: Evidence Collection, Criminal Law, and Criminal Procedure. Prerequisite: LGID, LPSS, Trial Practice
Duration: 1 Semester
Credit: 1 per semester
Grade Level: 10, 11, 12

INTRODUCTION TO LAW
This course includes an overview of the fields of law and their history, the areas of law applicable to the legal assistant, basic legal principles, legal terminology, the judicial system, legislation, criminal law, civil procedures and the elements of a trial. Metro Community College dual credit is available. Prerequisites: LGID, LPSS
Duration: 1 semester
Credit: 1 per semester
Grade Level: 10, 11, 12

THE CONSTITUTION
This course focuses on some of the great issues that confront policy makers and citizens of the United States. The framework for study is the United States Constitution. Topics covered include: Executive Privilege/Delegation of Powers, War Powers and Covert Action, Nomination, Election, andSuccession of the President, Criminal Justice and a Defendant’s Right to a Fair Trial, Crime and Insanity, Crime and Punishments, Campaign Spending, National Security and Freedom of the Press, School Prayer, Gun Control, Right to Assemble, Right to Live, Right to Die, Immigration Reform, Affirmative Action and Federalism. Metro Community College dual credit is available. Prerequisites: LGID, LPSS, Intro to Law
Duration: 1 semester
Credit: 1 per semester
Grade Level: 10, 11, 12
INTRODUCTION TO CRIMINAL JUSTICE
This course is an overview of the history, development and philosophies of crime control within a democratic society. It examines the criminal justice system with an emphasis on the police, the prosecution and the defense, the courts and the correctional agencies. Metro Community College dual credit is available. Prerequisites: LGID, LPSS
Duration: 1 semester  Credit: 1 per semester  Grade Level: 10, 11, 12

POLICE AND SOCIETY
This course examines the role of the police in relationship to law enforcement and American society. Topics include the role and function of police, the nature of police organizations and police work and the patterns of police-community relations. Metro Community College dual credit is available. Prerequisites: LGID, LPSS & Intro.to Criminal Justice
Duration: 1 semester  Credit: 1 per semester  Grade Level: 10, 11, 12

FIRE CHEMISTRY
The objective of the course is to provide an introduction to the chemistry of fires with emphasis on chemical reactions. Included are the reactions and agents that produce and suppress fires. Prerequisites: LPSS and "C" or better in Chemistry 1-2
Duration: 1 semester  Credit: 1 per semester  Grade Level: 11, 12

INTRODUCTION TO FIRE PROTECTION
The objective of the course is to provide students with an overview of the fundamental methods of fire protection, prevention, and suppression. Basic topics covered are the characteristics and behavior of fire, fire hazards of materials and building, fire protection equipment and systems, codes and standards for fire protecting and prevention, and forces and now they operate. Prerequisites: LGID, LPSS, Fire Chemistry
Duration: 1 semester  Credit: 1 per semester  Grade Level: 11, 12

THE HISTORY OF THE AMERICAN CIVIL RIGHTS MOVEMENT AND CIVIL RIGHTS LAWS
This course will introduce students to the Civil Rights movement in the United States, including legislation, Supreme Court cases and organized efforts to abolish public and private acts of discrimination. Coursework will include study of the abolitionist movement, the Dred Scott case, and the unresolved issues of the Reconstruction era. Students will also study the system of Jim Crow, disenfranchisement, and second-class citizenship that degraded the citizenship rights of African Americans. Further, students will study the amendments to the Constitution, the legislation, and the Civil Rights cases that have impacted race relations in the United States. Prerequisites: LGID, LPSS
Duration: 1 semester  Credit: 1 per semester  Grade Level: 11, 12

SOCIAL JUSTICE SERVICE LEARNING
Social Justice Service Learning is a course designed to engage students in addressing the needs of local and/or international society. The course is designed to provide students with creative control over what social need they want to address as well as the manner in which they wish to address it. Students will participate in an organized service activity and reflect on that activity in such a way as to gain further understanding of the needs found in local and/or international society. Service learning provides the students with opportunities to develop and apply a wide range of skills (personal, academic, and intellectual) they will need to succeed in the school, in the community, and in the workplace. Prerequisites: LGID, LPSS, The History of the American Civil Rights Movement and Civil Rights Laws
Duration: 1 semester  Credit: 1 per semester  Grade Level: 12

POLITICAL SCIENCE / MODEL UNITED NATIONS 1 & 2
This course is designed to furnish an orientation to the activities of the United Nations, as well as providing an understanding of the modalities of international diplomacy. This course will include an introduction to political science, current events, pressing international issues, and some of the protocol and procedures of diplomacy, culminating in intensive simulations of the United Nations in which students will face real-world situations and issues. Prerequisites: LGID, LPSS
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12

MODEL UN 1 & 2
This course is designed to provide a more in-depth look into the activities of the United Nations. This course will include current events, pressing international issues, public speaking and debate skills, and some of the protocol and procedures of diplomatic meetings. All of this will assist students in preparing for their role as distinguished delegates at the Model United Nations Conference in New York. Prerequisites: LGID, LPSS
Duration: 2 Semesters  Credit: 1 per semester  Grade Level: 11, 12

INTERNATIONAL DIPLOMACY 1 & 2
This course offers a comparative look at the making and implementation of policy in the international arena. It explores how geography, culture, and forms of government affect the interaction of nations, how diplomacy is used to resolve disputes, key concepts and theories concerning crisis management and conflict resolution. The course seeks to apply those concepts via case studies and simulations concerning real-life issues. Prerequisites: LGID, LPSS
Duration: 2 Semesters  Credit: 1 per semester  Grade Level: 12
NW FORENSIC SCIENCE 3 & 4
This course will integrate science, information technology, digital microscopy, and writing skills by using real-life applications and case studies to analyze crime scene evidence. Topics covered will include: the collection, handling, and examination of trace evidence such as hair, fibers, soil, pollen, and glass; fingerprint, blood, and blood splatter examination; DNA, drug and toxicology testing; handwriting and tool mark analysis; voice examination; impressions; ballistics, and forensic anthropology. Students will use multimedia to present their analysis of crime scene evidence. Students taking this course should also be taking or have taken Honors Chemistry, Computer Information Management, Honors Digital Video & Media, and/or Film Making. Prerequisites: Physical Science 1-2, Biology 1-2, and Forensic Science 1-2. Prerequisite: LGID, LPSS, Forensic Science 1 & 2
Duration: 2 Semesters Credits: 1 per semester Grade Level: 11, 12

NW FORENSIC SCIENCE 5 & 6
Forensic science is the application of logic, basic biological, chemical and physical science principles and technological practices to the purposes of justice in the study of criminal and civil law. Major themes of study in this course are: evidence collection, physical evidence, toxicology, DNA, trace evidence, advanced ballistics, questioned documents, and advanced bloodstain pattern analysis. The students will process a mock crime scene as a major portion of the class. In a world with a rising concern over crime levels (despite the fact that crime rates are declining), it is important that our students appreciate the role that forensics plays in modern criminal court cases. As American citizens, our students will be called upon to fulfill their civic duty as jurors. It is therefore crucial that our students be informed as to the nature of criminal investigations, and their role in the courts. Prerequisite: LGID, LPSS, Forensic Science 3 & 4
Duration: 2 Semesters Credits: 1 per semester Grade Level: 12

INTRO TO PARALEGAL STUDIES
This course will examine the paralegal career field. Specifically, it will examine the role played by paralegals in the legal settings as well as other employment settings. It will introduce the student to general legal facts, vocabulary, and concepts; basic paralegal skills in legal research, interviewing, and investigation; problem solving skills for the legal setting; and ethics in the paralegal profession. Dual Enrollment Credit available with the College of St. Mary’s.
Prerequisites: LGID, LPSS
Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

LEGAL RESEARCH AND WRITING
Students will analyze judicial opinions; apply legal concepts and rules; learn the techniques of writing memoranda and briefs; and learn oral advocacy skills. Students will also complete written assignments involving independent research and writing and participate in an oral advocacy exercise. The fundamentals of identifying, understanding, and formulating issues for analysis will be covered as well. Dual Enrollment Credit available with the College of St. Mary’s.
Prerequisites: LGID, LPSS
Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

EMERGENCY DISPATCH 9-1-1
The Emergency Telecommunicator Course is designed to introduce students to the exciting and challenging field of Emergency Telecommunications (9-1-1 dispatch). This course covers the roles and responsibilities of emergency telecommunicators emergency telecommunication technologies, telecommunication essentials, call management, call classification (police, fire, and medical), disaster preparedness and readiness for radios and radio broadcast procedures, legal aspects of public safety communication, quality assurance/quality improvement, and dispatch stress.
Prerequisites: LGID, LPSS
Duration: 2 semesters Credit: 1 per semester Grade Level: 10, 11, 12
**Number of Credits Required for Graduation:**
Six

**Required Courses:**
Entry level math courses will be determined by success in previous math coursework. Math classes must be passed before moving to the next level. Regardless of the first math class, every student must successfully complete six semesters of math classes.

**AP® Courses:**
- Calculus AB 1 & 2
- Calculus BC 1 & 2
- Statistics 1 & 2

*Students develop cognitively, socially and emotionally along different time and interest continuums. For students who are willing and interested in advanced coursework, but do not meet the course prerequisites, an exception may be requested through a conversation involving building staff, parents/guardians, and the student.

**CHALLENGE MATH**
This course is designed to be taken concurrently with a math course from the standard sequence. This course offers enrichment to students who wish to go beyond the math instruction of the regular classroom.

| Duration: 2 semesters | Credit: 1 per semester | Grade Level: 9, 10 |

**PRE-ALGEBRA 1 & 2**
This course is designed to meet the needs of the student who will benefit from a transition course which, bridges the similarities of arithmetic & algebra. This course will contain spiraling reinforcement of basic algebraic concepts and topics in order to prepare students for successful placement in Algebra 1-2. This course will cover the content standards for pre-algebra, including operations on real numbers, conversions among fractions, decimals and percent’s, solving linear equations and inequalities, graphing linear equations, working with polynomials, and using measures of central tendency to interpret data.

| Duration: 2 semesters | Credit: 1 per semester | Grade Level: 9 |

**ALGEBRA 1A & 1B**
This course that satisfies the first semester content of Algebra 1-2. Lessons will be presented in contextual, activity-based formats.

| Duration: 2 semesters | Credit: 1 per semester | Grade Level: 9 |

**ALGEBRA 2A & 2B**
This course that satisfies the second semester content of Algebra 1-2. Lessons will be presented in contextual, activity-based formats.

| Duration: 2 semesters | Credit: 1 per semester | Grade Level: 9 |

**ALGEBRA 1 & 2**
This course is a first-year algebra survey. It covers traditional algebra topics including a study of the four basic operations dealing with signed numbers and polynomials, solution of first and second-degree equations, verbal problems, systems of linear equations, graphing and writing linear equations and inequalities, and simplifying exponential expressions.

| Duration: 2 semesters | Credit: 1 per semester | Grade Level: 9, 10, 11, 12 |

**HONORS ALGEBRA 1 & 2**
This course is the honors section of Algebra 1-2. It covers traditional algebra topics including operations with signed numbers and polynomials, solving first-and second-degree equations, verbal problems, systems of linear equations, graphing and writing linear equations and inequalities, and simplifying exponential expressions. As an honors class, these topics will be covered in greater depth and with enrichment.

- **Pre-requisite:** Any one of the following:
  - Grade of “A” in Pre-Algebra 1 and 2
  - MAP Math score at or above a score determined by District Math Supervisor

| Duration: 2 semesters | Credit: 1 per semester | Grade Level: 9, 10 |
GEOMETRY 1 & 2
This course is a complete study of geometry. Topics include congruence and similarity of figures, parallelism and perpendicularity, right triangle relationships, formal and informal proof, coordinate geometry, properties of polygons and circles, and perimeter, area, and volume of two- and three-dimensional figures. Students enrolling in Geometry 1-2 should have passing grades in both semesters of Algebra 1-2.
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

*HONORS GEOMETRY 1 & 2
This course is the honors section of Geometry 1-2. Topics include congruence and similarity of figures, parallelism and perpendicularity, right triangle relationships, formal and informal proof, coordinate geometry, properties of polygons and circles, and perimeter, area, and volume of two- and three-dimensional figures. As an honors class, each topic will be covered in greater depth and with enrichment. This course is the first semester of Honors Geometry 1-2. Students enrolling in this course should have proficient or advanced grades in both semesters of Honors Algebra 1-2, or advanced grades both semesters of Algebra 1-2 and teacher recommendation.
Prerequisite: Any one of the following*:
• Grade of “A” in Algebra 1 and 2
• Grade of “B” or higher in Honors Algebra 1 and 2
• MAP Math score at or above a score determined by District Math Supervisor
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11

ALGEBRA 3 & 4
This course covers the topics of a traditional second-year algebra course. Content includes solving polynomial equations as well as linear, absolute value, and quadratic equations and inequalities, and working with exponents and logarithms, complex numbers, systems of equations and inequalities, and simple probability. Appropriate technology will be used to assist in instruction and learning. Students enrolling in this course will have successfully completed both semesters of Algebra 1-2 with passing grades.
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

*HONORS ALGEBRA 3 & 4
This is the honors section of Algebra 3-4. As such the topics and concepts will be covered in more depth, and additional content is present as well. This course covers the topics of a traditional second-year algebra course. Content includes solving polynomial equations as well as linear, absolute value, and quadratic equations and inequalities, and working with exponents and logarithms, complex numbers, systems of equations and inequalities, matrix algebra and matrix solutions to systems of equations, series and sequences, and compound probability. Appropriate technology will be used to assist in instruction and learning. Students enrolling in this course will have successfully completed both semesters of Honors Algebra 1-2 with proficient or advanced grades, or Algebra 1-2 with advanced grades and teacher recommendation.
Prerequisite: Any one of the following*:
• Grade of “A” in Algebra 1 and 2 or Geometry 1 and 2
• Grade of “B” or higher in Honors Algebra 1 and 2 or Honors Geometry 1 and 2
• MAP Math score at or above a score determined by District Math Supervisor.
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

CONSUMER MATH 1 & 2
This course is for seniors only. It is designed to help students develop an understanding of the reasons for and the benefits derived from taxes, the services available from banks and other lending institutions, the workings of insurance, and the basic concepts of consumer credit. The skills obtained in this course will help students become mathematically knowledgeable citizens.
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

INTEGR MATH 1 & 2
This course integrates the content from traditional beginning algebra and geometry courses. In the span of a full school year, algebra concepts are presented in tandem with geometry concepts to demonstrate how algebra is used in geometry. Students enrolling in this course should have previously attempted Algebra 1-2.
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12

MATH ANALYSIS 1 & 2
Math Analysis is a full-year terminal math course for students who have reached proficiency in advanced algebra topics but have no intention of pursuing math- or science-related fields of study in post-secondary school. The course content includes Critical Thinking, Set Theory, Number Theory, Functions, Measurement, Personal Finance, Combinatorics, Probability, Statistics, and Logic.
Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12
PRE-CALCULUS/TRIGONOMETRY 1 & 2
This course includes topics of mathematics that are necessary for the successful study of calculus. Topics include polar coordinates, right triangle trigonometry, circular functions, logarithms, and graphs of rational and polynomial relations and functions. Students enrolling in this course should have successfully completed both semesters of Algebra 3-4 with passing grades.

**HONOR PRE-CALCULUS/TRIGONOMETRY 1 & 2**
This course is the honors section of Pre-calculus/trigonometry. This course includes topics of mathematics that are necessary for the successful study of calculus. Topics include polar coordinates, right triangle trigonometry, circular functions, logarithms, and graphs of rational and polynomial relations and functions. Students enrolling in this course should have successfully completed both semesters of Honors Algebra 3-4 with proficient or advanced grades.

AP CALCULUS (AB) 1 & 2
This course follows the College Board's Advanced Placement syllabus for Calculus AB, which stresses the concept of limit and introduces the student to differential and integral calculus, including both theorems and techniques. Students enrolling in this course should have proficient or advanced grades in both semesters of Honors Pre-calculus/Trigonometry 1-2, or teacher recommendation. **Please note: Student enrollment will determine whether a specific AP course will be offered.** Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

AP CALCULUS (BC) 1 & 2
This course follows the College Board's Advanced Placement syllabus for Calculus BC, which includes functions, graphs, limits, derivatives, integrals, polynomial approximations, and series. Students enrolling in this course should have proficient or advanced grades in both semesters of Honors Pre-calculus/Trigonometry, or teacher recommendation. **Please note: Student enrollment will determine whether a specific AP course will be offered. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.**

AP STATISTICS 1 & 2
This is a course in statistics that covers the topics in the syllabus published by the College Board. College credit and placement depend on the individual college. This statistics class will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Planning a Study, Anticipating Patterns, and Statistical Inference. This course is equivalent to a one-semester, introductory, non-calculus based college course in statistics. **Please note: Student enrollment will determine whether a specific AP course will be offered. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.**

HONORS PROBABILITY/STATISTICS
This is the honors section Probability and Statistics and compresses the content into one semester. This course offers a study of statistical methods and would be of use for any student planning to pursue professional study in medicine, biology, sociology, psychology, economics, or business. The content includes permutations, combinations, axiomatic probability, organizing and reporting data, binomial and normal distributions, sampling distributions, hypothesis testing, and confidence intervals. Students enrolling in this course should have passing grades in both semesters of Algebra 3-4.

HONORS DISCRETE MATHEMATICS
This course provides a study of material prerequisites to college-level mathematics. It deals with discrete objects and finite processes as opposed to the infinite limits and continuous functions of calculus. Data structures, algorithms, and the theory of computation are emphasized. Students enrolling in this course should have proficient or advanced grades in Honors Algebra 3-4 or teacher recommendation.
Number of Credits Required for Graduation:
Four JROTC credits may be substituted for physical education requirement for graduation.

Required Courses:
Four JROTC credits may be substituted for physical education requirement for graduation, or courses count toward elective graduation requirements.

Honors Courses:
Honors JROTC / Introduction to Leadership 7 & 8 (LET4)

Elective Courses:
JROTC / Introduction to Leadership 1 & 2 (LET1)
JROTC / Introduction to Leadership 3 & 4 (LET2)
JROTC / Introduction to Leadership 5 & 6 (LET3)
Beginning Marksmanship 1 & 2
Advanced Marksmanship 1 & 2
JROTC Color Guard 1 & 2

JROTC / INTRODUCTION TO LEADERSHIP EDUCATION TRAINING 1 & 2 (LET1)
This course includes classroom instruction and laboratory instruction in history, customs, traditions, and purpose of Army Junior ROTC. Cadets will study and develop basic leadership skills: including; leadership principles, traits, values, and attributes. A student’s development of core values, an appreciation for diversity, and active learning strategies are integrated throughout the course. Cadets will be required to present one period of instruction per quarter. The honors cadet will assume a leadership position to demonstrate skills and traits taught in leadership class. All enrolled cadets are required to wear the Army Junior ROTC uniform at least once a week, during the school day, or, as specified by the Senior Army Instructor. All cadets are required to participate in the Junior ROTC physical fitness program and other activities. This course counts as a physical education credit. Requires instructor approval.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

JROTC / INTRODUCTION TO LEADERSHIP EDUCATION TRAINING 3 & 4 (LET2)
This course will incorporate all the requirements of JROTC 1-2. Additional reading and writing, including (but not limited to), research papers. A cadet will be required to do two community service projects or two school service projects. Each honors cadet will be required to present one period of instruction per quarter. The honors cadet will assume a leadership position to demonstrate skills and traits taught in leadership class. All enrolled cadets are required to wear the Army Junior ROTC uniform at least once a week, during the school day, or, as specified by the Senior Army Instructor. All cadets are required to participate in the Junior ROTC physical fitness program and other activities. This course counts as a physical education credit. Requires instructor approval.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 10, 11, 12

JROTC / INTRODUCTION TO LEADERSHIP EDUCATION TRAINING 5 & 6 (LET3)
Topics in this course include advanced map reading, principles of leadership, methods of instruction, technology awareness, advanced management problems, military history, and physical fitness. Cadets are required to present one instructional lesson per quarter. Cadets will be required to write a research paper during the year. All enrolled cadets are required to wear the Army Junior ROTC uniform at least once a week, during the school day, or, as specified by the Senior Army Instructor. All cadets are required to participate in the Junior ROTC physical fitness program and other activities. This course counts as a physical education credit. Requires instructor approval.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12

HONORS JROTC / INTRODUCTION TO LEADERSHIP EDUCATION TRAINING 7 & 8 (LET4)
This course will incorporate all of the requirements of JROTC 7-8. In addition, cadets must complete readings on the role of the Army in support of national objectives and leadership, present one period of instruction per quarter, and complete one research paper on a selected topic. The honors cadet will be required to do two community service projects or two school service projects. Each honors cadet will be required to present one period of instruction per quarter. All enrolled cadets are required to wear the Army Junior ROTC uniform at least once a week, during the school day, or, as specified by the Senior Army Instructor. All cadets are required to participate in the Junior ROTC physical fitness program and other activities. This course counts as a physical education credit. Requires instructor approval.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 12

BEGINNING MARKSMANSHIP 1 & 2
Beginning Marksmanship will include detailed instruction, guidance and supervision in the safety and art of precision firing with air pellet rifles and air pellet pistols. Participants must be high motivated, dedicated, self-disciplined, and agile. Each participant must successfully pass a safety exam to become qualified to take part in the marksmanship program. Individuals are eligible to participate in postal and shoulder-to-shoulder rifle matches in and outside of Omaha. Requires instructor approval.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 10, 11, 12

ADVANCED MARKSMANSHIP 1 & 2
Advanced Marksmanship is a continuation of beginning and intermediate marksmanship. This course provides advanced instruction and training in firearm safety, marksmanship, coaching, and target scoring. Cadets will be eligible to participate in varsity marksmanship matches. Participants must be high motivated, dedicated, self-disciplined, and agile. Each participant must successfully pass a safety exam to become qualified to take part in the marksmanship program. Individuals are eligible to participate in postal and shoulder-to-shoulder rifle matches in and outside of Omaha. Requires instructor approval.

Duration: 2 semesters Credit: 1 per semester Grade Level: 11, 12

**JROTC COLOR GUARD 1 & 2**

Cadets will study the history of Color Guard, Honor Guard, Saber Team, and Drill. Cadets will learn how these elements have been used by the military to instill discipline and maintain tradition. Cadets will receive instruction on how to function as a member of a color guard in parades, sports activities, events, and competitions. Cadets will learn the intricacies of regulation drill without and with rifles. Cadets will also learn customs and courtesies of the National Flag. Cadets will become proficient in the use and proper handling of the saber. This course will enable cadets to become knowledgeable leaders in all aspects of color guard, honor guard, saber team, and drill.

Duration: 2 semesters Credit: 1 per semester Grade Level: 9, 10, 11, 12
Number of Credits Required for Graduation:
Two semesters of Band may be substituted for one semester of Physical Education.

Required Courses:
All courses count toward elective graduation requirements.

Honors Courses:
Honors Swing Choir 1 & 2
Honors Symphonic Band 1 & 2
Honors Jazz Band 1 & 2
Honors Orchestra 1 & 2
Honors Music Theory 1 & 2
Honors Treble Ensemble 1 & 2
Honors Concert Band 1 & 2
Honors Concert Choir

Elective Courses:
Voice 1 & 2
Men’s Chorus 1 & 2
Treble Chorus 1 & 2
Concert Band 1 & 2
Symphonic Band 1 & 2
Jazz Band 1 & 2
Orchestra 1 & 2
Instrumental Lessons 1 & 2

VOICE 1 & 2
This course is offered to introduce students to private and small groups instruction. Fundamental vocal technique, vocal performance, and solo literature are emphasized. Some type of performance is usually available through student recitals and various programs.

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MEN’S CHORUS 1 & 2
This course is open to 9-12th graders who wish to participate in male chorus. Basic vocal concepts are stressed through literature that is appropriate for tenor and bass voices. Performance opportunities are included as an extension of the classroom activities including concerts and contests in the Omaha area. Students are required to participate in all scheduled performances.

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TREBLE CHORUS 1 & 2
This course is open to all girls who wish to participate in a choral class of treble voices. Basic vocal concepts are stressed through literature that is appropriate soprano and alto voices. Performance opportunities are included as an extension of the classroom activities.

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HONORS TREBLE ENSEMBLE 1 & 2
This course is an advanced chamber ensemble for women selected by audition. Treble Ensemble members may be simultaneously enrolled in the school’s principal choral organizations. Frequent performance must be a student consideration for enrollment. This course is also considered a principal ensemble when students are considering other choral ensembles. This course is an extension of Course #190390 and is for the serious music student.

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HONORS CONCERT CHOIR 1 & 2
This course is the principal performing choral organization of each high school. Students will rehearse and perform music of all musical periods of history in both accompanied and unaccompanied styles. Performance usually includes fall, winter and spring concerts as well as the All-City Music Festival. Membership is selected by audition. This course is an extension of Course #190280 for the serious music student. Advisors guide the students in developing written plans for earning honors credit.

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HONORS SWING CHOIR 1 & 2
This course is the principal swing choir of each high school. These advanced choral ensembles, which usually consist of three to five mixed, equally balanced quartets, are available by audition to students who are simultaneously enrolled in one of the school’s principal choral organizations. One of the primary functions of these groups is to serve as “ambassadors” for the school. Choreographed routines and frequent performance, often requiring time outside of school, must be a student consideration for enrollment.

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</table>
CONCERT BAND 1 & 2
This course is considered to be the principal performing band in the high school instrumental music curriculum. Students will rehearse and perform standard band literature designed to strengthen basic musicianship and instrumental technique. Membership is by audition. In the senior high school, the Concert Band also serves as the nucleus for the marching band program as a part of the first semester’s activities. Other performances include winter and spring concerts as well as the All-City Music Festival.  
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9, 10, 11, 12*

H CONCERT BAND 1 & 2
This course is considered to be the principal performing band in the high school instrumental music curriculum. Students will rehearse and perform standard band literature designed to strengthen basic musicianship and instrumental technique. Membership is by audition. In the senior high school, the Concert Band also serves as the nucleus for the marching band program as a part of the first semester’s activities. Other performances include winter and spring concerts as well as the All-City Music Festival. Additional assignments and performances will be required for Honors credit. Students are required to participate in all scheduled performances.  
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9, 10, 11, 12*

SYMPHONIC BAND 1 & 2
This course is considered to be principal performing band in the high school instrumental music curriculum. Students will rehearse and perform standard band literature designed to strengthen basic musicianship and instrumental technique. Membership is by audition. In the senior high school, the Concert Band also serves as the nucleus for the marching band program as a part of the first semester’s activities. Other performances include winter and spring concerts as well as the All-City Music Festival.  
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9, 10, 11, 12*

HONORS SYMPHONIC BAND 1 & 2
This course is considered to be principal performing band for 11th and 12th grade high school instrumental music curriculum. Students will rehearse and perform standard band literature designed to strengthen basic musicianship and instrumental technique. Various jazz rudiments and improvisation techniques are introduced through a variety of jazz and popular styles of music. Membership is by audition. In the senior high school, the Concert Band also serves as the nucleus for the marching band program as a part of the first semester’s activities. Other performances include winter and spring concerts as well as the All-City Music Festival. Additional assignments and performances may be required for Honors credit.  
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 11, 12*

JAZZ BAND 1 & 2
This course is a high school instrumental ensemble comprised of advanced instrumental students who are simultaneously enrolled in Concert Band or Orchestra. Various jazz rudiments and improvisation techniques are introduced through a variety of jazz and popular styles of music. Membership is by audition.  
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9, 10, 11, 12*

HONORS JAZZ BAND 1 & 2
This course is a high school instrumental ensemble comprised of advanced instrumental students who are simultaneously enrolled in Concert Band or Orchestra. Various jazz rudiments and improvisation techniques are introduced through a variety of jazz and popular styles of music. Additional assignments and performances may be required for Honors credit. Membership is by audition.  
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*

ORCHESTRA 1 & 2
This course includes the rehearsal and performance of outstanding symphonic literature from the representative periods of music history. This literature provides for the development of both individual and ensemble skills. Performance includes winter and spring concerts as well as the All-City Music Festival. Membership is by audition. High school orchestra members also participate as a pit orchestra for the production of a school’s Broadway musical.  
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9, 10, 11, 12*

HONORS ORCHESTRA 1 & 2
This course includes the rehearsal and performance of outstanding symphonic literature from the representative periods of music history. This literature provides for the development of both individual and ensemble skills. Performance includes winter and spring concerts as well as the All-City Music Festival. Membership is by audition. High school orchestra members also participate as a pit orchestra for the production of a school’s Broadway musical.  
*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9, 10, 11, 12*
INSTRUMENTAL LESSONS 1 & 2
This course is designed to introduce students to private and small group instruction. Instrumental music fundamentals including pitch and rhythmic accuracy, specific instrumental technique, solo preparation and small ensemble performance are emphasized.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12

HONORS MUSIC THEORY 1 & 2
This course includes the study of fundamental notation, intervals, triads, basic chord structure and principles of voice leading. Students electing this course should have some basic music reading knowledge and advanced interest in the formal study of music. The course is considered to be a pre-college course, which may result in advanced placement in a college music theory program.

Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12
Number of Credits Required for Graduation: Four

Required Courses:
Physical Education and two additional semesters of physical education

COURSES:

PHYSICAL EDUCATION 1 & 2
This course involves students in the development of personal fitness and participation in a variety of sports, games, and dance activities. Aquatics are taught where facilities permit.

Duration: 2 semesters 
Credit: 1 per semester 
Grade Level: 9

LIGHT WEIGHT TRAINING 1 & 2
This course emphasizes improvement in muscular endurance, strength and power. Proper lifting techniques are taught through the use of light weights and high repetitions. Healthy living concepts, such as proper nutrition and stress reduction, will be a part of class discussions. A fitness unit will be taught.

Duration: 2 semesters 
Credit: 1 per semester 
Grade Level: 10

WEIGHT TRAINING 1 & 2
This course provides instruction in proper techniques using free weights and machines, as well as other fitness activities, to improve strength, flexibility and aerobic capacity.

Duration: 2 semesters 
Credit: 1 per semester 
Grade Level: 10

LIFETIME SPORTS/ACTIVITIES 1 & 2
This course provides instruction in activities that students may participate in throughout their lives. These may include: archery, badminton, bowling, golf, ultimate Frisbee, volleyball, softball, tennis, and fitness development. Aquatics are included where facilities permit.

Duration: 2 semesters 
Credit: 1 per semester 
Grade Level: 10

AEROBIC FITNESS 1 & 2
This course provides class activities designed for improvement in cardiorespiratory endurance, flexibility, and muscular development. Activities may include jogging, power walking, water exercise, step aerobics, line dancing, physical fitness, goal-setting and nutritional planning.

Duration: 2 semesters 
Credit: 1 per semester 
Grade Level: 10, 11

TEAM SPORTS 1 & 2
This course will consist of instruction in rules, strategies, skills and sportsmanship concepts. Activities may include: flag football, soccer, volleyball, basketball, team handball, softball, and floor hockey. A fitness unit will be taught.

Duration: 2 semesters 
Credit: 1 per semester 
Grade Level: 10

ADVANCED WEIGHT TRAINING 1 & 2
This is a second-year class that expands instruction in strength, flexibility and aerobic training.

Duration: 2 semesters 
Credit: 1 per semester 
Grade Level: 11, 12
Number of Credits Required for Graduation: Six

Required Courses:
Physical Science 1 & 2 (may complete in Grade 8 at an OPS Middle school)
Biology 1 & 2
Any Two Additional Credits of Science Electives

Honors Courses:
Honors Physical Science 1 & 2
Honors Biology 1 & 2
Honors Chemistry 1 & 2
Honors Physics 1 & 2
Honors Anatomy & Physiology 1 & 2
Honors Horticulture 1 & 2
Honors Earth Science 3 & 4
Honors Forensic Science 1 & 2

Elective Courses:
Chemistry 1 & 2
Physics 1 & 2
Earth Science 3 & 4
Environmental Science 1
Astronomy 1
Anatomy & Physiology 1 & 2
Plants & Propagation 1 & 2

AP® Courses:
Biology 1 & 2
Chemistry 1 & 2
Physics 1
Environmental Science 1 & 2

### Science Course Sequence

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
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<tbody>
<tr>
<td>Physical Science</td>
<td>Biology</td>
<td>Science Elective</td>
<td>Science Elective</td>
</tr>
<tr>
<td>Honors Physical Science</td>
<td>Honors Biology</td>
<td>Honors Chemistry * OR Honors Physics*</td>
<td>Science Elective</td>
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<tr>
<td>Prerequisite: Algebra 1-2</td>
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<tr>
<td>Honors Biology</td>
<td>Honors Chemistry* OR Science Elective</td>
<td>Honors Physics* OR Science Elective</td>
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</table>

* Honors Chemistry and Honors Physics are the recommended Science Electives for college bound students

*Students develop cognitively, socially and emotionally along different time and interest continuums. For students who are willing and interested in advanced coursework, but do not meet the course prerequisites, an exception may be requested through a conversation involving building staff, parents/guardians, and the student.

### PHYSICAL SCIENCE 1 & 2
Physical Science is an inquiry-based course designed to expose students to selected concepts in chemistry, physics, earth, and space science. Topics include matter, energy, forces and motion, Earth in space, and Earth structures and processes. This course provides a foundation for other science courses and meets the district requirement for physical science.

*Prerequisite: Any one of the following*:
- Grades of “B” or higher in Science 8 1 and 2 AND concurrent enrollment in Algebra 1-2 or higher math course
- MAP Math Score at or above a score determined by District Math Supervisor AND MAP Science Score at or above a score determined by District Science Supervisor.

*Duration: 2 semesters Credit: 1 per semester Grade Level: 9, 10, 11, 12*

### BIOLOGY 1 & 2
This course engages students in inquiry-based problem solving as they investigate biological issues that are relevant to their daily lives. Topics of study include: the cell; the molecular basis of heredity; biological evolution; the interdependence of organisms; and matter, energy, and organization in living systems. This course meets the district requirement for biology.

*Duration: 2 semesters Credit: 1 per semester Grade Level: 9, 10, 11, 12*
*HONORS BIOLOGY 1 & 2
This course engages students in inquiry-based problem solving as they investigate biological issues that are relevant to their daily lives. Topics of study include: the cell; the molecular basis of heredity; biological evolution; the interdependence of organisms; and matter, energy, and organization in living systems. This course meets the district requirement for biology. Students enrolled in honor courses have additional experiences that require a more rigorous program of study.
Prerequisite: Any one of the following*:
- Grade of “A” in Physical Science 1 and 2 (Current 9th Grade Only)
- Grade of “B” or higher in Honors Physical Science 1 and 2
- MAP Science score at or above a score determined by District Science Supervisor
Duration: 2 semesters Credit: 1 per semester Grade Level: 9, 10

AP BIOLOGY 1 & 2
AP Biology is a laboratory course designed to prepare students to take the college advanced placement test giving them potential college credit for the course. This college course in life sciences is inquiry based with a goal of providing students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. The curriculum includes the study of the structure and function of organic molecules and cells; the continuity and diversity of living things; the history and evolution of living things; and the relationships of organisms and their environment. Prerequisites: Physical Science 1-2, Biology 1-2, with no grade less than a “C” and teacher recommendation.
Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.
Duration: 2 semesters Credit: 1 per semester Grade Level: 10, 11, 12

CHEMISTRY 1 & 2
This course engages students in both theoretical and practical problem-solving strategies as they investigate chemical issues that are relevant to their daily lives. Topics of study include laboratory processes, chemical safety, atomic structure, properties of matter, and chemical reactions. Prerequisites: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Alg 1-2.
Duration: 2 semesters Credit: 1 per semester Grade Level: 10, 11, 12

*HONORS CHEMISTRY 1 & 2
This course engages students in both theoretical and practical problem-solving strategies as they investigate chemical issues that are relevant to their daily lives. Students enrolled in honor courses have additional experiences that require a more rigorous program of study. Prerequisites: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Algebra 1-2.
Duration: 2 semesters Credit: 1 per semester Grade Level: 10, 11, 12

AP CHEMISTRY 1 & 2
This course expands and discusses in greater depth the physical concepts and skills introduced in Chemistry 1-2. The topics include: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The students become familiar with college lab equipment, experimental procedures, and exacting lab reports. They should gain proficiency and confidence in numerical problem solving and essay explanation of the processes of physical, inorganic chemistry. AP Chemistry is designed to be equivalent to a first-year college introductory chemistry course and follows the College Board curriculum. Prerequisites: Successful completion of Physical Science 1-2, Biology 1-2, Chemistry 1-2, and Algebra 1-2. Completion of, or concurrent enrollment in, Algebra 3-4. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.
Duration: 2 semesters Credit: 1 per semester Grade Level: 11, 12

PHYSICS 1 & 2
This course engages students in an inquiry-based, problem-solving approach to investigate the physical laws that are fundamental to all science. Topics of study include: motion and technological design; the effects of forces on motion; the origin of the universe; conservation of energy; and the interaction of energy and matter. Prerequisites: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Algebra 1-2.
Duration: 2 semesters Credit: 1 per semester Grade Level: 10, 11, 12
**HONORS PHYSICS 1 & 2**
This course engages students in an inquiry-based, problem-solving approach to investigate the physical laws that are fundamental to all science. Topics of study include: motion and technological design; the effects of forces on motion; the origin of the universe; conservation of energy; the interaction of energy and matter. Students enrolled in honor courses have additional experiences that require a more rigorous program of study. **Prerequisites:** Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Algebra 1-2.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*

**AP PHYSICS 1**
Algebra-Based is the equivalent to a first semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. **Prerequisites:** Physical Science 1-2 and Algebra 3-4. Concurrent enrollment in, or previous completion of, Biology is recommended as Biology is high school graduation requirement. **Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.**

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 11, 12*

**ANATOMY & PHYSIOLOGY 1 & 2**
This course enables students to understand the principles and structures of the human body. Students develop an understanding of the structure and function of complex human organ systems through inquiry-based laboratory experiences using up-to-date technology. This course will explore scientific and technological advances in the field of anatomy. Students will also explore career opportunities in medical and related fields. The study and application of vocabulary and terminology is an essential part of this course. Students will incorporate writing and literacy strategies into summative projects. Laboratory dissections are required. **Prerequisites:** Physical Science 1-2 and Biology 1-2.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*

**HONORS ANATOMY & PHYSIOLOGY 1 & 2**
This course enables students to understand the principles and structures of the human body. Students develop an understanding of the structure and function of complex human organ systems through inquiry-based laboratory experiences using up-to-date technology. This course will explore scientific and technological advances in the field of anatomy. Students will also explore career opportunities in medical and related fields. The study and application of vocabulary and terminology is an essential part of this course. Students will incorporate writing and literacy strategies into summative projects. Laboratory dissections are required. **Prerequisites:** Physical Science 1-2 and Biology 1-2.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*

**EARTH SCIENCE 3 & 4**
This laboratory course builds upon the state Earth science standards that were introduced in the Physical Science and Biology 1-2 course sequence. Students use scientific inquiry to further explore concepts of Earth's composition and how it's studied, the history and dynamics of Earth, and reshaping the Earth's crust, atmosphere, atmospheric forces, and oceans. **Prerequisites:** Physical Science 1-2 and Biology 1-2.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*

**HONORS EARTH SCIENCE 3 & 4**
This laboratory course builds upon the state Earth science standards that were introduced in the Physical Science and Biology 1-2 course sequence. Students use scientific inquiry to further explore concepts of Earth's composition and how it's studied, the history and dynamics of Earth, and reshaping the Earth's crust, atmosphere, atmospheric forces, and oceans. Students in honors courses have additional experiences that require a more rigorous program of study. This course is taught as a college preparatory science experience. Emphasis is placed on observation, interpretation, and problem solving and includes projects and scientific journal reading and writing assignments. **Prerequisites:** Physical Science 1-2 and Biology 1-2.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*

**HONORS FORENSIC SCIENCE 1 & 2**
This course promotes active learning and emphasizes the application and integration of math, chemistry, biology, physics, and Earth science. Topics covered include: The collection, handling, and examination of trace evidence such as hair, fibers, soil, pollen, and glass; fingerprint, blood, and blood splatter examination; DNA, drug and toxicology testing; handwriting and tool mark analysis; voice examination; impressions; ballistics, and forensic anthropology. Students enrolled in honor courses have additional experiences that require a more rigorous program of study.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 10, 11, 12*
PLANTS & PROPOGATION 1 & 2
This course will offer a survey of the plant kingdom with an emphasis on the structure and function of higher plants. Students will be required to design and conduct a research project on plant growth. Fundamentals of plant propagation will be introduced and implemented. Students should understand that they will likely get dirty at times and will be required to attend class in the greenhouse throughout the semester. Prerequisites: Physical Science 1-2 and Biology 1-2. 
Duration: 2 semesters Credit: 1 per semester Grade Level: 10, 11, 12

*HONORS HORTICULTURE 1 & 2
This course forms the basis for all other horticulture courses. It includes the study of structures and functions in plants; requirements for growth and production including soil and fertilizers, temperature, light, growth stimulants and retardants, water use and applications. The course also introduces propagation, and growing problems as they relate to the production of vegetables, bedding plants, bulbs, nursery stock, potted plants and cut flowers. Appropriate laboratory experience is provided. 
Duration: 2 semesters Credit: 1 per semester Grade Level: 11, 12

ASTRONOMY
Astronomy is a study of the objects in the night sky, their size, motions, composition, and relation to one another. Students study the Earth-moon system, diagram objects in the solar system, explore the leading theories for the origin of the universe, and outline the life cycle of a star. Students develop techniques to help them locate and identify objects through the use of a planetarium. Prerequisites: Physical Science 1-2 and Biology 1-2 or concurrent enrollment in Biology 1-2. 
Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

ENVIRONMENTAL SCIENCE
Environmental Science allows students to develop insights and skills needed to make decisions regarding the environment. The class provides basic knowledge on ecosystems and how they work. In addition, students learn how they affect the environment, what they can do to use the environment wisely, and how to preserve what is left. This course includes hands-on experiences, simulations, and outside activities. In the end, the students learn about the world in which they live. Prerequisites: Physical Science 1-2 and Biology 1-2. 
Duration: 1 semester Credit: 1 per semester Grade Level: 11, 12

AP ENVIRONMENTAL SCIENCE 1 & 2
The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. Prerequisites: Physical Science 1-2 and Biology 1-2. Honors Chemistry is highly recommended. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam. 
Duration: 2 semesters Credit: 1 per semester Grade Level: 11, 12
Number of Credits Required for Graduation:
Seven

Required Courses:
U. S. History 1 & 2
Human Geography
Intro Economics
Modern World History 1 & 2
American Government

Honors Courses:
Honors U. S. History 1 & 2
Honors Human Geography
Honors Economic
Honors Academic Decathlon 1 & 2

*Students develop cognitively, socially and emotionally along different time and interest continuums. For students who are willing and interested in advanced coursework, but do not meet the course prerequisites, an exception may be requested through a conversation involving building staff, parents/guardians, and the student.

U.S. HISTORY 1 & 2
This course continues the study of United States history from 1914 to present. Students address the social, economic, and political development of the nation and relate it to both past and present. Instruction is organized around the themes of geography, history, economics, culture, and the elements of citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources, and technology.
Duration: 2 semesters Credit: 1 per semester Grade Level: 9

*HONORS U.S. HISTORY 1 & 2
Honors United States History 1-2 explores United States history from 1914 to present. Students address the social, economic, and political development of the nation and relate it to both past and present. Instruction is organized around the themes of geography, history, economics, culture, and the elements of citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources, and technology. Honors students are expected to have above average writing skills, the ability to keep current with rigorous and challenging supplemental reading assignments, and the motivation to complete all classroom self-directed assignments. Honors students are also required to research and analyze specific concepts in United States history and relate them to current events. Concurrent enrollment in Honors English 1-2 is highly recommended.
Prerequisite: Any one of the following*:
- Grade of “B” or higher in Social Studies 8 1 and 2
- MAP Reading score at or above a score determined by District Social Studies Supervisor
Duration: 2 semesters Credit: 1 per semester Grade Level: 9

HUMAN GEOGRAPHY
Human Geography provides an effective method for studying human activities on the Earth’s surface. Humans’ interactions with one another and the environment are studied and analyzed to provide an understanding of the world in which the students live. The course is divided into four units: Population & Cultural Geography, Urban Geography, Political Geography, and Economic & Environmental Geography.
Duration: 1 semester Credit: 1 per semester Grade Level: 10

AP® Courses:
World History 1 & 2
United States Government and Politics
Comparative Government and Politics
United States History 1 & 2
Psychology 1 & 2
Human Geography

Elective Courses:
Law and Juvenile Justice
Psychology
Sociology
American Studies
International Studies
Native Am Cult & I
African American History
*HONORS HUMAN GEOGRAPHY*
Honors Human Geography provides an effective method for asking questions about places on earth and the places’ relationships to the people who live there. The geography, economics, history, culture, and human interaction with the environment are studied and analyzed to provide an understanding of the world in which the students live. This course includes more in-depth research and analysis about the relationship between humans and the environment, including political and societal impacts on the world environment. Honors students are expected to have above average writing skills, the ability to keep current with reading assignments, and the motivation to complete all classroom assignments. Concurrent enrollment in Honors English 3-4 is highly recommended.  
Prerequisites: “B” average in Social Studies or “C” average in H Social Studies

Duration: 1 semester  
Credit: 1 per semester  
Grade Level: 10

ADVANCED PLACEMENT HUMAN GEOGRAPHY
The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. The AP College Board governs this course. Individual teachers are required to have approval of syllabus and course materials by the College Board prior to offering the course. Topics are defined by the College Board and are located on their website: www.collegeboard.com.  
Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 10, 11, 12

INTRO TO ECONOMICS
Introduction to Economics examines the key concepts of economics through study of various sectors of market systems. Fundamentals, micro, macro, and international economic concepts are presented and studied. Emphasis is given to the role of the citizen in America’s market structure.

Duration: 1 semester  
Credit: 1 per semester  
Grade Level: 10

HONORS ECONOMICS
Honors Introduction to Economics examines the key concepts of economics through study of various sectors of market systems. Fundamentals, micro, macro, and international economic concepts are presented and studied. Emphasis is given to the role of the citizen in America’s market structure. Students are required to research and analyze the structure and function of economics in the United States today. Honors students will also be expected to perform extension activities on their Curriculum Based Assessments (CBA’s). Concurrent enrollment in Honors English 3-4 is highly recommended.

Duration: 1 semester  
Credit: 1 per semester  
Grade Level: 10

MODERN WORLD HISTORY 1 & 2
This course explores the culture and history of people from 1000 C.E. to the present. As students examine the choices and decisions of the past, they are better able to confront today’s problems and choices with a deeper awareness of the alternatives before them, and the likely consequences of each.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 10

ADVANCED PLACEMENT WORLD HISTORY 1 & 2
Advanced Placement World History 1-2 focuses on developing students’ understanding of world history from approximately 8000 BCE to the present. Students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. Concurrent enrollment in AP English Language and Composition is highly recommended.  
Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.

Duration: 2 semesters  
Credit: 1 per semester  
Grade Level: 11, 12

AMERICAN GOVERNMENT
This course addresses the theories and practices that are the basis to our nation’s form of government. Students analyze the structure, operations, and functions of local, state, and national government in order to better prepare themselves to practice participatory citizenship as related to their responsibilities and rights as citizens.

Duration: 1 semester  
Credit: 1 per semester  
Grade Level: 12
AP U.S. GOVERNMENT & POLITICS
Advanced Placement United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events, and interpret data to develop evidence-based arguments. Concurrent enrollment in AP Literature and Composition is recommended. **Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.**

AP GOVERNMENT COMPARATIVE GOVERNMENT AND POLITICS
Advanced Placement United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events and interpret data to develop evidence-based arguments. Concurrent enrollment in AP Literature and Composition is recommended. **Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.**

ADVANCED PLACEMENT UNITED STATES HISTORY 1 & 2
The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. **Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.**

ADVANCED PLACEMENT UNITED STATES HISTORY 1 & 2 (Freshmen)
This course provides students with the analytical skills and factual knowledge necessary to evaluate issues and themes in United States history, examine historical evidence, and engage in critical writing. This course prepares students for the Advanced Placement American History exam. **Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.**

ADVANCED PLACEMENT UNITED STATES HISTORY 1 & 2
Advanced Placement United States History focuses on developing students’ understanding of American history from approximately 1491 to the present. Students investigate the content of United States history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places. Concurrent enrollment in AP English is recommended. **Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.**

HONORS ACADEMIC DECATHLON 1 & 2
The United States Academic Decathlon emphasizes the personal and academic growth of each student who, by meeting the challenges with honesty and integrity, can reap the rewards of greater self-knowledge and self-confidence. The ten-event academic program strives to foster a greater respect for knowledge, to promote wholesome inter-school academic competition, and to further develop student communication skills.

AFRICAN AMERICAN HISTORY
African American History examines the African American experience, including history, culture, contributions, and contemporary issues. Emphasis is placed on the contributions of African Americans in the development of an industrialized United States, as well as their importance in the historical record.

HONORS ACADEMIC DECATHLON 1 & 2
The United States Academic Decathlon emphasizes the personal and academic growth of each student who, by meeting the challenges with honesty and integrity, can reap the rewards of greater self-knowledge and self-confidence. The ten-event academic program strives to foster a greater respect for knowledge, to promote wholesome inter-school academic competition, and to further develop student communication skills.

AFRICAN AMERICAN HISTORY
African American History examines the African American experience, including history, culture, contributions, and contemporary issues. Emphasis is placed on the contributions of African Americans in the development of an industrialized United States, as well as their importance in the historical record.
LAW & JUVENILE JUSTICE
Law and Juvenile Justice focuses on the understanding of American society and its system of laws. Effective participation within America’s legal structure is highlighted. The course investigates the structure and implementation of criminal law, the criminal justice process, and the identification and analysis of civil law.

Duration: 1 semester  
Credit: 1 per semester  
Grade Level: 12

PSYCHOLOGY
This course explores the complex nature of human behavior. Emphasis is placed upon the most significant concepts of contemporary psychology as well as how psychologists study behavior.

Duration: 1 semester  
Credit: 1 per semester  
Grade Level: 11, 12

SOCIOLOGY
Sociology explores the structure of society from both a historical and contemporary base. Students examine the ways in which people interact with one another. This involves learning about relationships in social institutions, such as the family, and the organization of societies, both locally and globally. The course also deals with vital issues and social concerns, such as the struggle for civil rights, socialization at a young age, adolescent relationships, crime, poverty, and social stratification.

Duration: 1 semester  
Credit: 1 per semester  
Grade Level: 11, 12

AMERICAN STUDIES
American Studies is a one-semester course that is used to recover a failed credit from United States History 1 or 2. This thematic course covers major topics from United States History semester courses. Topics may include: civil rights, expansion, America at war, economic change and prosperity, and/or the growth and challenges of democracy. Prerequisite: Must have failed United States History 1 or 2.

Duration: 1 semester  
Credit: 1 per semester  
Grade Level: 11, 12

INTERNATIONAL STUDIES
International Studies provides students with the knowledge and skills to function effectively in an increasingly interdependent world. Societal issues having both a global and future orientation are highlighted. Prerequisite: Must have failed Modern World History 1 or 2.

Duration: 1 semester  
Credit: 1 per semester  
Grade Level: 12

NATIVE AM CULTURE & I
Developed from the Native Indian Centered Education program. This course will examine the development of Native American cultural identity through the evaluation of traditional and contemporary aspects of Northern Plains Indigenous life. This course is designed to provide a history and analyze issues facing Native American Nations with a focus on those residing in Nebraska.

Duration: 1 semester  
Credit: 1 per semester  
Grade Level: 11, 12
Students with disabilities have a variety of course options at the high school level. The intent is to provide the maximum amount of participation in the general education setting through strategic interventions, collaborative teaching and direct instruction. Regular district assessments are administered.

Students may participate in:

- General education classes with support in a Study Skills Class. Focus is given to developing learning and study strategies. Students will be expected to define compensatory skills to facilitate active learning in the general education classroom setting. Class activities will include, but not be limited to, time management, goal setting, problem solving, assignment analysis and self-advocacy.

- General education classes that are co-taught by a general education teacher and special education teacher. In a co-taught class, both teachers share instructional responsibilities for the students by co-planning, co-instructing, and co-assessing.

Students with more severe disabilities may participate in an alternate curriculum focusing on alternate standards and functional living skills. Most instruction for these students is provided by a special education teacher in the core areas with the students participating in general education classes and activities as appropriate. Progress is measured using the state alternate assessment.

The following special education programs are available at Northwest High Magnet School:

**Alternate Curriculum Program (ACP)**

This program serves students with cognitive disabilities who require instruction focused on functional academic, social and vocational training. Students participate in this program because of the severity of their disabilities and the amount of support required to meet their individual needs. Students also participate in alternate assessments.

**Behavioral Skills Program (BSP)**

This program focuses interventions on the social, emotional and behavioral needs of students while providing instruction to support the students’ participation and progress in the general curriculum. Behavior intervention plans are individualized to meet the needs of each student. Students are integrated into general education classrooms whenever possible.

**Resource Program**

This program serves students with a variety of disabilities. Special education staff provides interventions, accommodations and modifications that support the students’ participation and progress in the general curriculum.

**Speech-Language Therapy Program**

Speech-language therapy is available to students with diagnosed speech and/or language problems.

**Other Services**

Services are also available for students with visual impairments or acoustical disabilities and/or physical disabilities.

**Work Experience Program (WEP)**

Work-based experiences foster adult employment success for all youth, particularly for those with disabilities. Exposing youth with disabilities to work-based experiences helps them in identifying their career interests and building self-confidence. In addition, it provides an opportunity for the student to learn about workplace culture and expectations, and to make what they are learning in school more meaningful through real-world applications. This program is designed for high school students who are enrolled in any of the Special Education Programs and have earned 24 credits or are 17 years old.

**SPECIAL EDUCATION COURSES**

**STUDY SKILLS**

This course helps students improve skills in the areas of paraphrasing, sentence writing, test and note taking, organization, scanning, improving vocabulary and memorization. Tutorial assistance and remediation are provided.

*Duration: 2 semesters*  
*Credit: 1 per semester*  
*Grade Level: 9, 10, 11, 12*

**WORK BASED LEARNING-TRAINING**

Students in Alternative Curriculum Program or Resource. Elective class for resource students and next phase for ACP who are capable of working somewhat independently at a work site with a certified teacher on site. Students learn basic work skills as well as social and job skills needed to be able to maintain their own jobs. Training takes place during the school day, either 1/2 day in the AP or 1/2 day in the PM. Goal for this phase is to prepare students for competitive employment when the time is right. Students must be 16 years old or junior class standing. An application and teacher recommendation is needed. Students earn 3 credits per semester if all requirements are met.

*Duration: 2 semesters*  
*Credit: 1-3 per semester (determined by hours employed)*  
*Grade Level: 11, 12 (or 17 years old)*
ENGLISH 9S 1 & 2  
ENGLISH 10S 1 & 2  
ENGLISH 11S 1 & 2  
ENGLISH 12S 1 & 2  

This Special Education course is for students in the Alternate Curriculum Program only. The course covers functional reading and writing skills to support community access and independent living. In addition, the course focuses on the development of reading and writing skills; specifically locating and reading information in primary resources, applying knowledge of informational text and writing using Standard English conventions for sentence structure. Students participate in the Nebraska Alternate Assessment.  

**Duration:** 2 semesters

SCIENCE 9S 1 & 2  
SCIENCE 10S 1 & 2  
SCIENCE 11S 1 & 2  
SCIENCE 12S 1 & 2  

The Special Education course is for students in the Alternate Curriculum Program only. The course focuses on developing an understanding of personal and community health. Students participate in the Nebraska Alternate Assessment.  

**Duration:** 2 semesters

PERSONAL HEALTH AND SAFETY  

This Special Education course is for students in the Alternate Curriculum Program only. The course emphasizes skills in the social emotional domain. Topics covered include self-protection, safety habits, personal hygiene/care, parts of the body, decision-making, family, self-esteem, feelings, peer relationships, health and human growth and development.  

**DAILY LIVING AND LIFE SKILLS**  

This Special Education course is for students in the Alternate Curriculum Program only. The goal of this course is to develop functional life skills necessary for the student to achieve his/her highest potential in skill development and independence. The following domain areas will be emphasized in this course: functional academics, community, domestic and vocational. Topics covered include application of math and reading skills in school and community settings, accessing community sites and services and caring for personal needs.  

**Duration:** 2 semesters

WORK AWARENESS  

Alternative Curriculum Program students develop an awareness of the world of work. Students attend worksite in small groups with a para professional. Schedule is arranged with Work-Based Learning Teacher. A great deal of guidance and support provided in this phase.  

**Duration:** 2 semesters

MATHEMATICS 9S 1 & 2  
MATHEMATICS 10S 1 & 2  
MATHEMATICS 11S 1 & 2  
MATHEMATICS 12S 1 & 2  

This Special Education course is for students in the Alternate Curriculum Program only. The course covers functional math skills to support community access and independent living. In addition, the course focuses on interpreting, collecting, organizing and recording data, the development of measurement; specifically, the selection of measurement tools and the measurement of quantities of volume, time and money. Students participate in the Nebraska Alternate Assessment. CRTs are not given.  

**Duration:** 2 semesters

SOCIAL STUDIES 9S 1 & 2  
SOCIAL STUDIES 10S 1 & 2  
SOCIAL STUDIES 11S 1 & 2  
SOCIAL STUDIES 12S 1 & 2  

This Special Education course is for students in the Alternate Curriculum Program only. The course focuses on the use of map skills. Students participate in the Nebraska Alternate Assessment.  

**Duration:** 2 semesters

EXPLORATORY ART  

In this course, students will be introduced to the elements and principles of design and gain basic skills in art production through a variety of media. Production projects will be enhanced through discussions of art history, aesthetic and art criticism issues. Prerequisite: None  

**Duration:** 2 semesters

MUSIC ACTIVITIES  

Music Activities class is available to 9th - 12th grade students who have an interest in developing musical skill through the playing of classroom instruments. Pitch, rhythm and harmony will be introduced by playing recorders, hand-chimes, melodies and/or guitar. Some performing experience may be scheduled as an extension of classroom experiences.
**Required Courses:**
All courses count toward elective graduation requirements.

**Honors Courses:**
- Honors Chinese 5 & 6
- Honors French 5 & 6
- Honors French 7 & 8
- Honors German 5 & 6
- Honors German 7 & 8
- Honors German 9 & 10
- Honors Spanish 5 & 6
- Honors Spanish 7 & 8
- H Spanish for Spanish Speakers 3 & 4
- H Spanish for Spanish Speakers 5 & 6

**Elective Courses:**
- Chinese 1& 2
- French 1 & 2
- German 1 & 2
- Chinese 3 & 4
- French 3 & 4
- German 3 & 4
- Spanish 1 & 2
- Spanish 3 & 4
- Spanish for Spanish Speakers 1 & 2

**AP® Courses:**
- Spanish 1 & 2
- French 1 & 2

**CHINESE 1 & 2**
**GERMAN 1 & 2**
**SPANISH 1 & 2**
This course in World Languages at the first-year level stresses interpretive, presentational, and interpersonal communication abilities to develop survival skills in the target language. Students become aware of the personal and economic opportunities that knowing a second language will bring them and how that knowledge will enable them to function better both in the United States and globally. They also begin to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

*Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12*

**CHINESE 3 & 4**
**GERMAN 3 & 4**
**SPANISH 3 & 4**
This course in World Languages at the second-year level is a continuation and expansion of the principles and concepts of the first year. During this time, students continue to work extensively with interpretive, presentational, and interpersonal communication skills while also delving more extensively into language structure, reading for information and general composition. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world. *Prerequisites: Successful completion of previous course in the sequence with a grade of a "C" or higher*

*Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12*

**HONORS CHINESE 5 & 6**
**HONORS FRENCH 5 & 6**
**HONORS GERMAN 5 & 6**
**HONORS SPANISH 5 & 6**
This third-year level World Languages course, designated as Honors classes, emphasizes using the target language, authentic materials, and technology throughout instruction. Students are required to use the language to a greater extent in increasingly complex interpretive, presentational, and interpersonal communication skills. Students will explore a variety of fiction and non-fiction genres in the target language. Students are expected to write coherent paragraphs, short stories, and outlines. Cultural projects are to be carried out in the target language. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world. *Prerequisites: Successful completion of previous course in the sequence with a grade of a "B" or higher*

*Duration: 2 semesters  Credit: 1 per semester  Grade Level: 9, 10, 11, 12*

**HONORS FRENCH 7 & 8**
**HONORS GERMAN 7 & 8**
**HONORS SPANISH 7 & 8**
This course in World Languages at the fourth-year level will often center on discussions and reports. Students interpretive, presentational, and interpersonal communication skills become more advanced in order to develop the student's ability to produce the language in more complicated forms. Reading will move to comparatively complex forms of authentic materials, readings, and literature. The study of cultures, art, music, poetry, and literature continues to be stressed. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world. *Prerequisites: Successful completion of previous course in the sequence with a grade of a "B" or higher*

*Duration: 2 semesters  Credit: 1 per semester  Grade Level: 11, 12*
HONORS GERMAN 9 & 10
This course in World Languages at the fifth-year level continues to emphasize and expand upon all interpretive, presentational, and interpersonal communication skills, while also addressing the more complex forms, which are stressed during the fifth year of language study. Students receive intensive preparation to use their second language whether that be at the university level or in whatever career they may choose. Literary and authentic works are studied thoroughly. Compositions and higher-level thinking and applications continue to be emphasized. The continued requirements of formal reports and discussion further refine the student's ability to understand and speak the language. Technology is used to open the world of the targeted cultures and civilizations both in the historical and contemporary world.
Prerequisites: Successful completion of previous course in the sequence with a grade of a "B" or higher
Duration: 2 semesters Credit: 1 per semester Grade Level: 12

ADVANCED PLACEMENT FRENCH 1 & 2
The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the student of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). Prerequisites: Successful completion of previous course in the sequence with a grade of a "B" or higher. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.
Duration: 2 semesters Credit: 1 per semester Grade Level: 11, 12

ADVANCED PLACEMENT SPANISH 1 & 2
The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the student of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). Prerequisites: Successful completion of previous course in the sequence with a grade of a "B" or higher. Students who select NOT to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam.
Duration: 2 semesters Credit: 1 per semester Grade Level: 11, 12

SPANISH FOR SPANISH SPEAKERS 1 & 2
This course is designed for students who speak Spanish fluently but have difficulty reading and writing the language. Most of these students feel more comfortable reading and writing in English. Students will develop basic Spanish literacy skills along with gaining a deeper knowledge of the culture, history, and literature of the Spanish language. The course is taught in Spanish. Prerequisites: Must speak Spanish fluently
Duration: 2 semesters Credit: 1 per semester Grade Level: 9, 10, 11, 12

HONORS SPANISH FOR SPANISH SPEAKERS 3 & 4
This course is designed for fluent Spanish speakers with above basic Spanish skills in reading and writing. It focuses on honing academic Spanish skills in listening and speaking while continuing to focus on reading and writing skills. Students will gain deeper knowledge of Hispanic cultures, histories and literature through this class. Prerequisites: Successful completion of previous course in the sequence with a grade of a "B" or higher
Duration: 2 semesters Credit: 1 per semester Grade Level: 10, 11, 12

HONORS SPANISH FOR SPANISH SPEAKERS 5 & 6
This course is a continuation of Honors Spanish for Spanish Speakers 3-4 and is designed for students with above average Spanish literacy skills. It focuses on honing academic Spanish skills in listening and speaking while continuing to focus on reading and writing skills. Students will gain deeper knowledge of Hispanic cultures, histories and literature through this class. Students are strongly encouraged to take this course to prepare for AP Spanish Language and/or Literature.
Prerequisites: Successful completion of previous course in the sequence with a grade of a "B" or higher.
Duration: 2 semesters Credit: 1 per semester Grade Level: 11, 12

160861-160862
MCC CAREER ACADEMIES
Course ID numbers & Descriptions

182001/2  MCC HVAC TECHNOLOGY 1-2 YR 1
The Heating, Air Conditioning and Refrigeration (HVAC) program covers all aspects of installing, troubleshooting and servicing heating, ventilating and air conditioning and refrigeration systems. This program combines class work with realistic hands-on lab experiences to prepare students for career opportunities as repair persons, business owners, wholesalers and in residential sales. The HVAC Technology courses will be taken at the Metropolitan Community College, Fort Omaha Campus and taught by MCC instructors. Throughout the OPS school year, students will enroll in three different MCC courses; HVAC 1101, HVAC 1102, and HVAC 1103. Once the courses have been successfully completed, students will earn 2 OPS elective credits per semester and 22 MCC credits towards an associate's degree. **Prerequisites: Junior or Senior Only**

182011/2  MCC HVAC TECHNOLOGY 3-4 YR 2
The Heating, Air Conditioning and Refrigeration (HVAC) program covers all aspects of installing, troubleshooting and servicing heating, ventilating and air conditioning and refrigeration systems. This program combines class work with realistic hands-on lab experiences to prepare students for career opportunities as repair persons, business owners, wholesalers and in residential sales. The HVAC Technology courses will be taken at the Metropolitan Community College, Fort Omaha Campus, and taught by MCC instructors. Throughout the OPS school year, students will enroll in four different MCC courses; HVAC 1201, HVAC 1104, HVAC 2604, and HVAC 1202. Once the courses have been successfully completed, students will earn 2 OPS elective credits per semester and 25 MCC credits towards an associate's degree. **Prerequisites: Successful completion of: MCC HVAC TECHNOLOGY 1-2_YR 1**

182021/2  MCC DIESEL TECHNOLOGY 1-2 YR 1
The Diesel Technology program prepares students for a career in the growing transportation industry. Using the latest equipment and technologies, the curriculum is built upon a foundation that includes the fundamentals of compression ignited internal combustion engines and their variations, shop safety, shop operations, brakes, drive trains, suspension, steering, electrical/electronic systems and heat/air conditioning. Additionally, the curriculum addresses the latest technology in engine repair, hydraulic and electrical systems, test procedures and diagnostics and power generation. Rounding out the associate degree program are general education courses that give you the background necessary for successful employment. The Diesel Technology courses will be taken at the Metropolitan Community College, Applied Technology Center, and taught by MCC instructors. Throughout the OPS school year, students will enroll in four different MCC courses; DESL 0900, DESL 1000, DESL 1230 and DESL 2100. Once the courses have been successfully completed, students will earn 1.5 OPS elective credits per semester and 25 MCC credits towards an associate's degree. **Prerequisites: Junior or Senior Only**

182031/2  MCC DIESEL TECHNOLOGY 3-4 YR 2
The Diesel Technology program prepares students for a career in the growing transportation industry. Using the latest equipment and technologies, the curriculum is built upon a foundation that includes the fundamentals of compression ignited internal combustion engines and their variations, shop safety, shop operations, brakes, drive trains, suspension, steering, electrical/electronic systems and heat/air conditioning. Additionally, the curriculum addresses the latest technology in engine repair, hydraulic and electrical systems, test procedures and diagnostics and power generation. Rounding out the associate degree program are general education courses that give you the background necessary for successful employment. The Diesel Technology courses will be taken at the Metropolitan Community College, Applied Technology Center, and taught by MCC instructors. Throughout the OPS school year, students will enroll in four different MCC courses; DESL 1210, DESL 2150, and DESL 1620. Once the courses have been successfully completed, students will earn 1.5 OPS elective credits per semester and 14 MCC credits towards an associate's degree. **Prerequisites: Successful completion of: MCC DIESEL TECHNOLOGY 1-2_YR 1**

182041/2  MCC PRE APPRENTICE PLUMBING 1-2
The Plumbing Apprenticeship program prepares students to become licensed plumbers. All instructors are licensed journeymen or master plumbers. Courses include lecture and hands-on lab instruction under close supervision of the instructors. After completing the Plumbing Apprenticeship program and the required on-the-job training period
(four years verifiable experience), the student may apply to take the examination for the Journeyman's Plumbing License administered by the City of Omaha. The Pre-Apprenticeship Plumbing courses will be taken at the Metropolitan Community College, Fort Omaha Campus, and taught by MCC instructors. Throughout the OPS school year, students will enroll in five different MCC courses; PLBG 1010, PLBG 1020, EMSP 1010, CNST 1110, AND PLBG 1030. Once the courses have been successfully completed, students will earn 2 OPS elective credits per semester and 25 MCC credits towards the apprenticeship program. **Prerequisites: Junior and Senior Only**

182051 MCC UTILITY LINE TECHNICIAN 1-2

The Utility Line Technician program prepares students to enter an apprenticeship with an electric utility company or electrical contractor. Students begin the first day of class without having the advantage of knowing any of their classmates. Almost immediately, friendships begin to develop and relationships continue to grow throughout the year. The Utility Line Technician courses will be taken at the Metropolitan Community College, Applied Technology Center, and taught by MCC instructors. Throughout the OPS school year, students will enroll in five different MCC courses; UTIL 1030, UTIL 1020, UTIL 1240, UTIL 2020 and UTIL 2240. Once the courses have been successfully completed, students will earn 3 OPS elective credits per semester and 25.5 MCC credits towards the apprenticeship program. **Prerequisites: Junior or Senior Only**

182081/2 MCC FIRE SCIENCE TECH 1-2 YR 1

Firefighters are the public's first line of defense against loss of life and property. They are frequently the first emergency responders on scene at accidents, ready to treat injuries and perform vital functions. While firefighters are most often thought of as those who control and extinguish fires, much of their work focuses on prevention, providing public education programs on control and extinguishment of fires, as well as on enforcing laws and regulations that support a safe environment. In addition, they respond to non-fire emergencies such as terrorist activity, hazardous material incidents, vehicle accidents, water main breaks and utility emergencies. They must be physically fit and able to deal with people in crisis. Their work environment is oftentimes stressful and dangerous; therefore, the successful effective firefighter must be a critical thinker and an excellent communicator. Education in the field serves to produce a well-trained individual who is capable of handling the emergency they're facing. The Fire Science Technology program at Metropolitan Community College focuses on the studies that will provide the successful graduate with the knowledge and tools to perform as a firefighter as effectively as possible. The Fire Science Technology courses will be taken at the Metropolitan Community College, Applied Technology Center, and taught by MCC instructors. Throughout the OPS school year, students will enroll in six different MCC courses; FIST 1000, FIST 1020, FIST 1060, FIST 2040, FIST 1070, and FIST 2020. Once the courses have been successfully completed, students will earn 1 OPS elective credit per semester and 20 MCC credits towards an associate's degree. **Prerequisites: Junior and Senior Only**

182091/2 MCC FIRE SCIENCE TECH 3-4 YR 2

Firefighters are the public's first line of defense against loss of life and property. They are frequently the first emergency responders on scene at accidents, ready to treat injuries and perform vital functions. While firefighters are most often thought of as those who control and extinguish fires, much of their work focuses on prevention, providing public education programs on control and extinguishment of fires, as well as on enforcing laws and regulations that support a safe environment. In addition, they respond to non-fire emergencies such as terrorist activity, hazardous material incidents, vehicle accidents, water main breaks and utility emergencies. They must be physically fit and able to deal with people in crisis. Their work environment is oftentimes stressful and dangerous; therefore, the successful effective firefighter must be a critical thinker and an excellent communicator. Education in the field serves to produce a well-trained individual who is capable of handling the emergency they're facing. The Fire Science Technology program at Metropolitan Community College focuses on the studies that will provide the successful graduate with the knowledge and tools to perform as a firefighter as effectively as possible. The Fire Science Technology courses will be taken at the Metropolitan Community College, Applied Technology Center, and taught by MCC instructors. Throughout the OPS school year, students will enroll in six different MCC courses; FIST 2030, FIST 2000, FIST 1050, FIST 2010, FIST 2900, and FIST 2070. Once the courses have been successfully completed, students will earn 1 OPS elective credit per semester and 18.5 MCC credits towards an associate's degree. **Prerequisites: Successful completion of: MCC FIRE SCIENCE TECH 1-2 YR 1**
Career Education Dual Enrollment / Early College Credit
2020-2021

Omaha Public Schools Career Education currently partners with Metropolitan Community College (MCC), University of Nebraska at Omaha (UNO), College of Saint Mary’s (CSM), and Nebraska College of Technical Agriculture (NCTA) to provide college credit-bearing opportunities to students. Career Education Dual Enrollment courses are offered in the high school building or at the OPS Career Center.

CE Dual Enrollment Courses listed by Department: Course offerings/availability vary depending on school and are subject to change.

<table>
<thead>
<tr>
<th>Course Title</th>
<th>OPS Course ID</th>
<th>Institution &amp; Course ID</th>
<th>Cost</th>
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<tbody>
<tr>
<td><strong>Business, Marketing, Information Technology, &amp; Health Courses</strong></td>
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<tr>
<td>H. Entrepreneurship</td>
<td>120051</td>
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<td>H. Financial Planning (South)</td>
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<td>H. Introduction to Business</td>
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<td>H. Programming 1-2</td>
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<td>MCC, UNO ISAC 1100</td>
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<tr>
<td>H. Personal Finance</td>
<td>120961</td>
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<td>Web Design 1-2</td>
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<td>AP Computer Science</td>
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<td>MCC, INFO 1321, UNO CIST 1400</td>
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<td><strong>Family Consumer Sciences Courses</strong></td>
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<td><strong>Specialized Programs / Career Academy Courses</strong></td>
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<td>Introduction to Agriculture &quot;(Bryan)</td>
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<td>Police and Society &quot;(Northwest)</td>
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<td>MCC, CRIM 2030</td>
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<td>The Constitution &quot;(Northwest)</td>
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<td>MCC, POLS 2060</td>
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<td>Legal Research &amp; Writing &quot;(Northwest)</td>
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<td>Introduction to Aeronautics &amp; Space &quot;(Burke)</td>
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<td>Introduction to Powered Flight &quot;(Burke)</td>
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<td>History of Aviation &quot;(Burke)</td>
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<td><strong>Career Center Courses</strong></td>
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<td>Applied Mathematics (1240)</td>
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<td><strong>MCC Career Academies</strong> - located on MCC College Campus Sites</td>
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<td>MCC HVAC Technology 1-2</td>
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<td>MCC Pre-Appliance Housing 1-2</td>
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<td>MCC, FIST 2030, 2000, ....</td>
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</table>

* Denotes building program specific – check with your building. Courses may not be offered due to low enrollment.

(C) Denotes Career Center class held at 3215 Cumming Street, Omaha, Nebraska 68131

More courses TBA – check with teacher, counselor, or administrator for current/NEW dual enrollment opportunities.
Career Center
Connecting Today’s Students with Tomorrow’s Careers

For more information visit https://www.ops.org/ocenter
Follow us @opscareercenter on Twitter

Automotive Technology
- Work on domestic and foreign cars and trucks in a high-tech precision industry.
- Use the same advanced diagnostic and hand tool equipment as industry professionals to troubleshoot complex automotive systems.
- Maintain, repair, and fine-tune a wide range of vehicle engine performance alongside ASE technicians.

Automotive Collision Repair
- Develop skills and techniques used by professional in assembly, disassembly and non-structural repair.
- Repair, remove and replace auto body parts.
- Professionally apply undercoat, paint and topcoat to create a professional finish.

Construction
- Operate a wide range of hand and power tools for residential and commercial projects.
- Develop important hands-on skills in the areas of estimating, framing, interior and exterior work.
- Work alongside professional mentors from architecture, construction and engineering fields.

Electrical Systems Technology
- Advance with industry recognized skills through the Omaha Joint Electrical Apprenticeship and Training Committee program.
- Install electrical fixtures according to blueprints and schematics.
- Gain industry recognized skills from residential and commercial wiring projects and internship.

Welding
- Apply multiple welding techniques to join, cut or manipulate metal.
- Develop a wide variety of techniques for high wage, high demand careers.
- Experience hands-on instruction to enhance critical thinking and problem solving skills.

Zoo Academy
- Spend half your day at the world class Henry Doorly Zoo & Aquarium.
- Experience a rich STEM learning environment where students can make discoveries about the natural world and apply the knowledge gained to real-world situations.
- Build a robust resume, which includes experiences conducting research to participating in animal medical procedures.

Digital Video Production
- Operate specialized equipment to create professional video and film productions.
- Showcase skills in multiple video, film, and broadcast news competitions.
- Create live television productions in a high definition studio.

Photography
- Capture and enhance individual creativity in artistic and commercial images.
- Generate a dynamic portfolio utilizing the effects of light, exposure and lenses.
- Develop inspiring images in Photoshop on location and in studio.

Emergency Medical Technician
- Attain essential life saving techniques critical for a career in emergency medicine.
- Complete the requirements for the national registry EMT license.
- Assess, stabilize, and transport patients during clinical experiences with certified professionals.

Certified Nursing Assistant
- Prepare for a high demand career field by completing the requirements for the State of Nebraska Certified Nursing Assistant Certification.
- Obtain skills through immersion in multiple aspects of the art and science of healthcare.
- Work alongside experienced registered nurses in a professional healthcare setting.

UNMC High School Alliance
- Experience unique and innovative science classes that are not available in the traditional high school setting.
- Participate in enriching classes taught in partnership by UNMC faculty and certified high school teacher on the UNMC campus.
- Hands-on health professions immersion program for highly motivated secondary students from varying backgrounds.

UNMC High School Alliance and Zoo Academy Have Separate Application Periods.

CAREER FOCUS:
Prepare for immediate employment, advanced certifications, and further education.
Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex, marital status, sexual orientation, disability, age, genetic information, citizenship status, or economic status in its programs, activities, and employment, and provides equal access to the Boy Scouts and other designated youth groups. The following individual has been designated to address inquiries regarding the non-discrimination policies:

Superintendent of Schools,
3215 Cuming Street, Omaha, NE 68131 (531) 299-0220