2019-20
HIGH SCHOOL
COURSE CATALOG
Omaha Virtual High School
3215 Cuming Street
Omaha, NE 68117
(531) 299-0269 – Phone
www.omahavirtualschool.org
Facebook: @OPSVirtualschool
Twitter: @OPS_Virtual

Mission Statement
Omaha Virtual School is committed to empowering life-long learners by developing collaborative relationships. Within our community, we provide an innovative, personalized learning experience. Success in this mission will cultivate critical thinkers who have the tools to contribute to a changing global society.

Vision Statement
Future ready, today.

Core Values
Growth Mindset, Positivity, Collaboration, Integrity,
Accountability, Self-advocacy

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.
Dear Learners & Learning Coaches,

Omaha Virtual School strives to be a unique learning environment for all students. Our blended learning model combines face to face instruction on campus with online learning that our students can access from home. We believe this model will prepare students to be future ready, today, regardless of their college or career choice.

As we embark on the third year of Omaha Virtual High School, we are hoping to enhance our student experience in many ways. We intend to:

- grow our student body to serve more students.
- offer our first dual enrollment courses in partnership with Metropolitan Community College.
- create a schedule that will allow students to thrive in the blended learning environment.

Our first graduating class will be the class of 2021 and we look forward to growing this program. We will continue to grow and add course offerings to enhance our students’ experience. Our goal is for our students to have the opportunity to earn dual enrollment credits from Metropolitan Community College by the time they graduate.

Please take some time to browse through our course offerings in our course catalog. We look forward to welcoming you as a future Ocelot at OVS!

Sincerely,

Dr. Wendy Loewenstein

Omaha Virtual School Director
Omaha Virtual School Course and Registration Guide

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**STUDENT ELIGIBILITY**

Omaha Virtual School is a non-traditional educational environment for students who are self-starters, self-advocates, and have a desire/ability to learn independently. **In order to be eligible for OVS High School, students must be on track for graduation** based on the below credit accumulation criteria (see grade level placement section). Students are not eligible if they have been expelled from a previous school.

Students must have an adult identified (typically a parent/guardian) as a learning coach to keep the learner on track, on pace, and engaged in learning at home. This learning coach must:

- Regularly log in to the learning management system (K12.com) to monitor student progress and learning and log learner attendance online, weekly.
- Respond to communication from learning facilitators (teachers) in a timely manner (via email/phone).
- Provide wireless Internet connection in the home.
- Engage with the learner and the learning facilitators (teachers) to support the learner.
- Provide transportation to the required class sessions on campus.

**STUDENT EXPERIENCE**

Omaha Virtual School is a blended learning environment in which students participate in learning at school and online. In our enriched virtual model of blended learning, students spend the majority of their learning time at home, online. Students are expected to engage in coursework 5 days per week for 6 hours per day. Students are required to attend classes on campus at least once per week for core class work during their designated class time. During the registration process, students will pick their designated class time on campus. Additional class time may be required for certain elective courses (physical education, Spanish, speech, yearbook, Earth science). Coursework is completed online using K12.com, our curriculum and content provider. Students are also required to attend live, online lessons throughout the week.

**STAYING ON TRACK**

All courses in our program have a pacing guide developed by the teacher. This is the suggested pace for students to follow in order to complete their course in the semester time frame that they have to earn a credit. If students fall behind on their coursework (based on the pacing guide) or are struggling to grasp a concept/skill, they will be invited to attend an online intervention session with their teacher where they can re-learn or practice a skill. Another option for student support is to attend an Independent Study Lab (ISL). During this time students can work with the guidance and support from teachers.

If a student becomes two weeks behind the recommended pacing guide, OVS staff will work with the student and learning coach to develop a Back on Track plan. This plan will support the learner and learning coach with specific steps and actions that need to occur in order to get a student caught up. If the Back on Track plan is not successful after the identified period of time, the student will be placed on academic probation and given a high level of support for two weeks time. If the student is still behind after this time frame, a meeting will be held with the director to determine next steps.
ENROLLMENT OPTIONS
Omaha Virtual High School has full-time and part-time enrollment options. At the beginning of each school year, students will identify their enrollment status and must **maintain enrollment status throughout the year**. Only full-time students can earn a diploma from Omaha Public Schools. A student cannot shift their enrollment status after their junior year to full-time as graduation requirements may not be able to be met.

- **Full-time enrollment**
  - requires students to take a minimum of 7 classes/semester
  - for students who live inside OPS district
  - outside OPS district (requires Nebraska Option paperwork).

- **Part-time enrollment (two scenarios):**
  - with homeschool—**Not on diploma earning track**
    - requires students to take a minimum of 4 courses. English is a required course.
    - only available for students living within the Omaha Public School district.
    - Requires exempt homeschool status from the state.
  - with OPS school—**Not on diploma earning track**
    - requires students to take a minimum of 4 courses at OVS. English is a required course.
    - only available for students living within the Omaha Public School district.
    - in an OPS school could be in the neighborhood school or at Omaha North (see chart below).

Please note: Students who chose to switch to part-time status after being full-time at OVS, may not be eligible to return to full-time status if they are not credit sufficient.

Refer to the chart for a visual of enrollment options at OVS.

PART-TIME ENROLLMENT RESPONSIBILITIES
Changing enrollment status is only allowed at beginning of school year. If a student is enrolling as part-time status, with homeschool or OPS school, parents are responsible for:

- Communicating part-time enrollment status with OVS in writing.
- Enrolling student in the course through the appropriate processes.
- **Meet with OVS school counselor to develop a course plan to ensure awareness of part-time implications of credits and diploma.**
- Communicating student schedule and enrollment plan to OVS counselor.
- Maintaining their students’ records/transcripts from other institutions
- Transporting students to and from classes
- Ensuring classes do not interfere with OVS class time.
- Keeping track of the neighborhood school’s schedule and student attendance at classes.
- Enrolling students in these courses with the resident school counselor or program.

If the student is taking additional courses at another institution, it is the parent/guardian’s responsibility to make sure credits can transfer to OPS graduation requirements, if that is the intention of the student. The parent/guardian must provide six weeks-notice, prior to the start of the class for credit/institution approval from OPS. This process is started by emailing the program director with the name of the course and the credit-offering institution.
**ENROLLMENT OPTIONS VISUAL**

Only full-time students can earn an Omaha Public School’s diploma at Omaha Virtual School.

<table>
<thead>
<tr>
<th></th>
<th><strong>Full-Time Enrollment</strong></th>
<th><strong>Part-Time Enrollment</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7 courses</td>
<td>4 course minimum*</td>
</tr>
<tr>
<td><strong>DIPLOMA EARNING PATHWAY</strong></td>
<td></td>
<td><strong>NOT ON DIPLOMA EARNING PATHWAY</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Omaha Public School Resident</em></td>
<td>Can take courses at partner school, Omaha North if not offered by OVS</td>
<td>Must obtain acknowledgement of Exempt Home school status from Nebraska Dept. of Ed</td>
</tr>
<tr>
<td></td>
<td>Cannot take courses at neighborhood school because full-time with OVS</td>
<td>Dual enrolled with homeschool</td>
</tr>
<tr>
<td></td>
<td>Can participate in athletics/activities at O. North (only if enrolled in 4 or more courses at North for NSAA sanctioned activities/athletics)</td>
<td>English at OVS Required</td>
</tr>
<tr>
<td></td>
<td>Can participate in clubs (not NSAA sanctioned at Omaha North).</td>
<td>Can take courses at partner school, Omaha North if not offered by OVS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Can take courses at OPS neighborhood high school</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Can supplement OVS/OPS curriculum with other curriculum (homeschool)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Can participate in clubs at Omaha North or OPS neighborhood school</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cannot participate in NSAA sanctioned sports</td>
</tr>
<tr>
<td><em>Non-Omaha Public School Resident</em></td>
<td>Can take courses at partner school, Omaha North if not offered by OVS</td>
<td>This enrollment scenario is not currently available.</td>
</tr>
<tr>
<td></td>
<td>Cannot take courses at neighborhood school because full-time with OVS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Can participate in athletics/activities at O. North (only if enrolled in 4 or more courses at North for NSAA sanctioned activities/athletics)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Can participate in clubs (not NSAA sanctioned at Omaha North).</td>
<td></td>
</tr>
</tbody>
</table>

This enrollment scenario is not currently available.
GRADE LEVEL PLACEMENT
Credits are earned at the end of each semester for courses passed. Students are encouraged to adopt a program plan that includes sufficient courses to earn a minimum of 7 credits per semester. This allows the student to take maximum advantage of the learning opportunities offered by Omaha Virtual High School.

To be on track toward graduation:
- Grade 10 Placement (Sophomore)  
  Earned at least 13 credits in grade 9.
- Grade 11 Placement (Junior)  
  Earned at least 25 credits in grades 9 and 10.
- Grade 12 Placement (Senior)  
  Earned at least 37 credits in grades 9, 10, and 11.

TYPICAL CYCLE OF CLASSES
This is just an example. Individual students’ schedules will vary, and this does not include elective courses, or honors classes. Math classes are dependent upon the level of achievement in middle school.

<table>
<thead>
<tr>
<th>Course</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English 1-2</td>
<td>English 3-4</td>
<td>English 5-6</td>
<td>English 7-8</td>
</tr>
<tr>
<td>Science</td>
<td>Physical Science 1-2</td>
<td>Biology 1-2</td>
<td>Required Science Elective</td>
<td>Science Elective</td>
</tr>
<tr>
<td>Math</td>
<td>Algebra 1-2</td>
<td>Geometry 1-2</td>
<td>Algebra 3-4</td>
<td>Pre-Calc/Trig</td>
</tr>
</tbody>
</table>

COURSE DROPS
Students register in the spring for the following year. A student will have two opportunities to select courses:
1. At the time of registration
2. Following the original registration when the student receives a copy of course statuses

Dropping a course after the first 15 days of a semester will result in a grade of “F” which is included in grade point average calculations. Requests to drop a course should be initiated by the student or parent to the counselor.

Procedures for withdrawing from a course:
1. Conversation with the teacher
2. Counselor conferencing with teacher and student
3. Problem solving with all parties

CREDIT RECOVERY
OVS does NOT offer credit recovery for students during the school year (see Student Eligibility section). If a student fails a course and does not earn credit during the school year, they must earn the credit in the summer at Omaha North or the student’s school of residence. Students must be on track for graduation with the appropriate amount of credits (see Grade level placement section) to remain eligible for OVS High School.
NEBRASKA STATE TESTING AND OMAHA PUBLIC SCHOOL’S INTERIM TESTING
All students (full-time and part-time) are required to take the state test (ACT-11th grade) and the OPS interim assessment, NWEA-MAP, which is required for all 9th-12th graders, three times/year (Fall, Winter, and Spring).

GRADE POINT AVERAGE AND CLASS RANK
Grade Point Average (GPA) is computed by dividing total grade points earned by credits attempted. GPA takes into account the grade earned, amount of credit earned, and the weight (based upon credit) of the course. All graded courses are included in this computation. Pluses and minuses are not calculated in GPA. To determine grade points, courses are weighted as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Honors courses</th>
<th>All other courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>C</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>D</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Class Rank is determined by cumulative or total GPA. The student with the highest GPA in the class is ranked 1st, the second highest is ranked 2nd and so on. Final rank is based on grades earned in grades 9-12.

HONOR ROLL
To be eligible for the honor roll, each student must:
(a) maintain a 3.0 minimum grade GPA,
(b) be enrolled in 4 or more courses, and
writing not receive a “F” in any current semester course.
The levels of Honor Rolls are:
- Ocelot High Honor (4.0 or higher)
- Ocelot Medallion Honor (3.50 to 3.99)
- Ocelot Achievement Honor (3.00 to 3.49)

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

HOME SCHOOL CREDITS
Omaha Public School’s practice regarding home school credits is to enroll students in courses that best verify the work done in home school coursework. Home school credits will not be entered into the transcript until the student has demonstrated successful completion of the OPS coursework used to verify. Before high school credits are accepted a review of homeschool transcript will need to occur. Please work with the Omaha Virtual School counselor to complete this task.
SUPPLEMENTAL COURSEWORK
Students can supplement with accredited online courses from other institutions. However, the school/program offering courses has to be accredited through the state of Nebraska and approved by OPS prior to taking the course. Student credit will be added to the transcript upon the completion of course and transcript review from the institution providing the credit. The parent/guardian must provide six weeks-notice, prior to the start of the class for credit/institution approval from OPS. This process is started by emailing the program director with the name of the course and the credit-offering institution.

TRANSFER STUDENTS
Students transferring into Omaha Virtual High School will be held accountable for meeting Omaha Public School’s graduation requirements and must provide an official transcript from the previous school/agency. Students will be eligible once verification that students are on track for graduation as per the OPS graduation guidelines.
# 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><strong>English</strong></td>
<td>8 CREDITS</td>
<td></td>
</tr>
<tr>
<td>Grade 9 – English 1 &amp; 2</td>
<td></td>
<td>4 years Fulfilled by OPS requirements</td>
</tr>
<tr>
<td>Grade 10 – English 3 &amp; 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade 11 – English 5 &amp; 6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade 12 – English 7 &amp; 8</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>7 CREDITS</td>
<td></td>
</tr>
<tr>
<td>Grade 9 – U.S. History 1 &amp; 2</td>
<td></td>
<td>3 years Fulfilled by OPS requirements</td>
</tr>
<tr>
<td>Grade 10 – Human Geography &amp; Intro to Economics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade 11 – World History 1 &amp; 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade 12 – American Government</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>6 CREDITS</td>
<td></td>
</tr>
<tr>
<td>Grade 9 – Math as Recommended</td>
<td></td>
<td>3 years Fulfilled by OPS requirements</td>
</tr>
<tr>
<td>Grade 10 – Math as Recommended</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade 11 – Math as Recommended</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>· 6 CREDITS</td>
<td></td>
</tr>
<tr>
<td>Grade 9 – Physical Science 1 &amp; 2</td>
<td></td>
<td>3 years Fulfilled by OPS requirements</td>
</tr>
<tr>
<td>Grade 10 – Biology 1 &amp; 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grade 11 – Science Elective</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td>4 CREDITS</td>
<td></td>
</tr>
<tr>
<td><strong>Human Growth &amp; Development</strong></td>
<td>1 CREDIT</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Personal Finance</strong></td>
<td>1 CREDIT</td>
<td></td>
</tr>
<tr>
<td>Grade 12 – Personal Finance</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Electives</strong></td>
<td>16 CREDITS</td>
<td></td>
</tr>
<tr>
<td>Consider education plans and interests</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>World Language</strong></td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>2–3 years of the same language</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>49 CREDITS REQUIRED</td>
<td></td>
</tr>
<tr>
<td>For all OPS High Schools</td>
<td></td>
<td></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>

*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.
ADVANCED PLACEMENT (AP) PROGRAM
The AP program allows learners to take college level courses while enrolled in a high school program. Learners not only gain higher-level academic skills but have the opportunity to earn advanced academic college credit. Successful completion of AP exams can also mean substantial savings for families on courses that would otherwise have to be taken in the freshman and sophomore years in college. Credit received is based on the score the student earns on the AP® exam. For additional information regarding AP courses and college credits, please refer to the below website:

https://apstudent.collegeboard.org/creditandplacement/search-credit-policies

<table>
<thead>
<tr>
<th>Course Title</th>
<th>High School Course ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP® English Language &amp; Composition (Grade 11)</td>
<td>011911/011912</td>
</tr>
<tr>
<td>AP® English Literature &amp; Composition (Grade 12)</td>
<td>011901/011902</td>
</tr>
<tr>
<td>AP® World History (Grade 11)</td>
<td>030421/030422</td>
</tr>
<tr>
<td>AP® Physics 1 (Grade 11-12)</td>
<td>061661/061662</td>
</tr>
</tbody>
</table>

DUAL ENROLLMENT
Dual enrollment courses allow students to earn credit towards high school diploma and college credit. Some dual enrollment courses require students to pass the Accuplacer exam in order to earn credit, and others have course performance requirements. Dual enrollment credit may cost a fee from the credit offering institution and fees may vary per course depending on the course and instructor.

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, while 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 at OVS through Career Education (CE)

Dual enrollment Career Education (CE) opportunities will be provided for OVS students through a unique learning environment. These opportunities will be taught all-online with a Metropolitan Community College (MCC) instructor. In certain cases, an OVS staff will serve as Teacher of Record, which is a role of support, not instruction. This course will be taught using the MCC learning management system, called Blackboard. Dual enrollment courses are only offered as dual enrollment courses, and are not offered as non-dual enrollment courses.
PROGRAMS OF STUDY-CAREER EDUCATION (CE)

Programs of study provide all students, whether planning to earn a college degree or enter into a career upon graduation from high school, an opportunity to develop clear pathways to meaningful employment through opportunities in career exploration. Omaha Virtual High School currently offers two programs of study.

- Entrepreneurship
- Information Technology (IT)

Both of these programs include dual enrollment credit opportunities. Please refer to the courses below and descriptions listed later in this course guide. (DE means this course is only offered for dual enrollment).

**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.

*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:

- **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.

<table>
<thead>
<tr>
<th>Course Title</th>
<th>High School Course ID</th>
<th>Post-Secondary Institution</th>
<th>Post-Secondary Course ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>H. Intro. to Business</td>
<td>121051</td>
<td>MCC</td>
<td>BSAD 1000</td>
</tr>
<tr>
<td>Web Design 1-2</td>
<td>130281/130282</td>
<td>MCC</td>
<td>INFO 1311</td>
</tr>
<tr>
<td>H. Intro. to Entrepreneurship</td>
<td>120621</td>
<td>MCC</td>
<td>ENTR 1050</td>
</tr>
<tr>
<td>H. Personal Finance</td>
<td>120971</td>
<td>MCC</td>
<td>FINA 1000</td>
</tr>
</tbody>
</table>
OMAHA PUBLIC SCHOOLS- CAREER CENTER

<table>
<thead>
<tr>
<th>Where?</th>
<th>OPS TAC building</th>
</tr>
</thead>
<tbody>
<tr>
<td>Why?</td>
<td>Elective credits, certifications, career explorations</td>
</tr>
</tbody>
</table>
| Who is eligible? | 10th grade (Unless otherwise noted)  
Have transportation to and from Career Center  
Be selected to participate by application |
| When?       | There are 3 blocks offered for class time. Classes are Monday-Friday  
The times of each daily block are:  
7:40-9am; 2: 9:30-10:45; 1:30-2:45  
OVS will work to accommodate learner’s schedules the best we can. |
| How to apply| Paper applications are available at OVS or at TAC. |
| Contact Info| Jeremy Cowley, Michelle Romano or Susan Mahoney (531) 299-0330 |
| More info   | [Visit MCC Career Academy Website](https://ccenter.ops.org/COURSES.aspx) |

METROPOLITAN COMMUNITY COLLEGE CAREER ACADEMY

<table>
<thead>
<tr>
<th>Where?</th>
<th>Various MCC locations depending on program</th>
</tr>
</thead>
</table>
| Why?        | Elective credits, certifications, career exploration  
Some programs approved for dual enrollment (simultaneous high school and college credit):  
- Diesel Tech  
- HVAC  
- Pre-Apprenticeship Plumbing  
- Fire Science Tech  
- Utility Lineman |
| Who is eligible? | 10th and 12th grade students  
16 years-old  
Be selected to participate by application  
Have transportation to and from classes and internship/apprenticeship sites |
| When?       | Course offerings and times are dependent upon each program |
| Contact info| Jeremy Nielsen  
Supervisor for secondary partnerships at OPS  
Jeremy.nielsen@ops.org  
(531)299-9505 |
| More Info and how to apply* | Visit MCC Career Academy Website: [https://www.mccneb.edu/Prospective-Students/Enrollment/Secondary-Partnerships/Career-Academy.aspx](https://www.mccneb.edu/Prospective-Students/Enrollment/Secondary-Partnerships/Career-Academy.aspx) |

*Deadline was March 4. Call Jeremy Nielsen if you are still interested.
## 4 YEAR COURSE PLANNER

### 9th Grade

<table>
<thead>
<tr>
<th>Subject</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English 1-2, H. English 1-2</td>
</tr>
<tr>
<td>Social Studies</td>
<td>US History 1-2, H. US History 1-2</td>
</tr>
<tr>
<td>Math</td>
<td>Teacher Recommendation</td>
</tr>
<tr>
<td>Science</td>
<td>Physical Science 1-2, H. Physical Science 1-2, Biology 1-2*, H. Biology 1-2*</td>
</tr>
<tr>
<td>Physical Education</td>
<td>PE</td>
</tr>
<tr>
<td>FIT</td>
<td>Info Tech Fundamentals</td>
</tr>
<tr>
<td>Electives</td>
<td>1.</td>
</tr>
<tr>
<td></td>
<td>2.</td>
</tr>
</tbody>
</table>

### 10th Grade

<table>
<thead>
<tr>
<th>Subject</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English 3-4, H. English 3-4</td>
</tr>
<tr>
<td>Social Studies</td>
<td>Human Geography/Intro Economics, H. Human Geography/ H. Economics</td>
</tr>
<tr>
<td>Math</td>
<td>Teacher Recommendation</td>
</tr>
<tr>
<td>Science</td>
<td>Biology 1-2, H. Biology*, Science Elective*</td>
</tr>
<tr>
<td>Physical Education</td>
<td>Team Sports</td>
</tr>
<tr>
<td>Human Growth and Development</td>
<td>Human Growth HS (1 semester) (Opt-Out option available)</td>
</tr>
<tr>
<td>Electives</td>
<td>1. (Need more if you choose semester classes)</td>
</tr>
<tr>
<td></td>
<td>2.</td>
</tr>
<tr>
<td></td>
<td>3.</td>
</tr>
</tbody>
</table>

### 11th Grade

<table>
<thead>
<tr>
<th>Subject</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English 5-6, AP English Lang and Comp</td>
</tr>
<tr>
<td>Social Studies</td>
<td>Modern World History 1-2, AP World History 1-2*</td>
</tr>
<tr>
<td>Math</td>
<td>Teacher Recommendation</td>
</tr>
<tr>
<td>Science</td>
<td>Science Elective</td>
</tr>
<tr>
<td>Electives</td>
<td>1.</td>
</tr>
<tr>
<td></td>
<td>2.</td>
</tr>
<tr>
<td></td>
<td>3.</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

### 12th Grade

<table>
<thead>
<tr>
<th>Subject</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English 7-8, AP English Lit and Comp</td>
</tr>
<tr>
<td>Social Studies</td>
<td>Am. Gov’t (1 semester), AP Gov’t &amp; Pol: US (1 semester)</td>
</tr>
<tr>
<td>Math</td>
<td>Teacher Recommendation</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>Personal Finance (1 semester)</td>
</tr>
<tr>
<td>Electives</td>
<td>1.</td>
</tr>
<tr>
<td></td>
<td>2.</td>
</tr>
<tr>
<td></td>
<td>3.</td>
</tr>
<tr>
<td></td>
<td>4.</td>
</tr>
</tbody>
</table>
REGISTRATION FORM

Student Name: ___________________________  Student ID: __________  Date: __________

OMAHA VIRTUAL SCHOOL
COURSE SELECTION FORM 2019-2020
Grade 9 – Class of 2023  Grade 10 – Class of 2022  Grade 11- Class of 2021

2019-20 OMAHA VIRTUAL SCHOOL COURSE OPTIONS

CORE COURSES—
Required ENGLISH
Choose one year-long class (2 credits). 8 credits are required for graduation.

010341 (____) English 1-2
010351 (____) H. English 1-2
010411 (____) English 3-4
010421 (____) H. English 3-4
010471 (____) English 5-6
011911 (____) AP English Lang and Comp
011901 (____) AP English Lit and Comp

SOCIAL STUDIES
Choose one year-long class (2 credits). 7 credits are required for graduation.

030901 (____) U.S. History 1-2
030911 (____) H. U.S. History 1-2
030461 (____) Economics 1 semester
030481 (____) H. Economics 1 semester
031011 (____) Human Geography
030181 (____) H. Human Geography
031381 (____) Modern World History
030421 (____) AP World History
030251 (____) American Government

SCIENCE
Choose one year-long class (2 credits). 6 credits are required for graduation.

060501 (____) Physical Science 1-2
060411 (____) Biology 1-2
060431 (____) H. Biology 1-2
061661 (____) AP Physics 1

MATH
Choose one year-long class (2 credits). 6 credits are required for graduation.

040161 (____) Pre-Algebra 1-2
040271 (____) Algebra 1-2
040281 (____) H. Algebra 1-2
040351 (____) Geometry 1-2
040361 (____) H. Geometry 1-2
040291 (____) Algebra 3-4
040301 (____) H. Algebra 3-4
040401 (____) Pre-Calc-Trig
040411 (____) H. Pre-Calc-Trig

REQUIRED ELECTIVES

(____) 070181 Phys. Education (9)
(____) 070311 Phys. Ed & Health (10-12)
(____) 130061 Computer Fundamentals
(____) 120081 Personal Finance (12) 1 semester
(____) 120971 H. Personal Finance (12) 1 semester

ELECTIVE COURSES
Choose 3 year-long classes
(1 credit per semester). 16 elective credits are required for graduation.

*Please mark your choices by numbering 1-3, “1” being your first choice.

(____) 110211 Art 1-2
(____) 061331 Forensic Science (11) (2nd semester)
(____) 060801 Astronomy (1st semester)
(____) 171081H. Comp Science and Software
(____) Engineering 1-2
(____) 020351 Creative Writing (1 semester)
(____) 020411 Journalism 1-2
(____) 020531 H. Journalism 1-2
(____) 020441 Yearbook 1-2 (10)
(____) 020471 H. Yearbook 1-2 (10)
(____) 160501 Spanish 1-2
(____) 160511 Spanish 3-4
(____) 160551 H. Spanish 5-6
(____) 160561 H. Spanish 7-8
(____) 070931 Human Growth & Develop. (10/11) 1 sem
Option out option for HGD

Career Education Dual Enrollment
Metropolitan Community College

OPEN ONLY TO JUNIORS/SENIORS

(____) 121051 H. Introduction to Business
MCC, BSAD 1000 $48.00
(____) 130281 Web Design 1-2
MCC, MCC INFO 1311 $48.00

**Please note that course offerings are subject to change due to staffing and/or enrollment.
ART

ART 1-2
110211/110212
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.
Course Length: Two semesters; Credit: 2 credits
Grade level: 9, 10, 11, 12
Prerequisites: None

BUSINESS

HONORS INTRODUCTION TO BUSINESS (Dual Enrollment Only)
121051
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 is dual enrolled with Metro Community College and is taught by a MCC instructor using the MCC online learning management system.
Course Length: One semester; Credit: 1 credit (Spring semester only)
Grade level: 11, 12
Prerequisites: A or B in Economics

BUS030: PERSONAL FINANCE
120981
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.
Course Length: One Semester; Credit: 1 credit
Grade Level: 12

BUS030: HONORS PERSONAL FINANCE (Dual Enrollment Only)
120971
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.
Course Length: One Semester; Credit: 1 credit
Grade Level: 12
Prerequisite: Grade of A or B in previous social studies or teacher recommendation
HONORS INTRODUCTION TO ENTREPRENEURSHIP
120621
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.

Course Length: One semester; Credit: 1 credit
Grade level: 12
Prerequisites: A or B in previous business course

ENGLISH

ENG108: ENGLISH 9/ENGLISH 1-2
010341/010342
K12’s English 9 Summit course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 9. Throughout the course, students practice narrative, informative, and argument writing. Students also develop and deliver presentations, and participate in discussions with their peers.

Course Length: Two semesters; Credit: 2 credits
Prerequisite: English 8

ENG109: ENGLISH 9 HONORS/HONORS ENGLISH 1-2
010351/010352
K12’s English 9 Honors Summit course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to Grade 9. Throughout the course, students practice narrative, informative, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers.

Course Length: Two semesters; Credit: 2 credits
Prerequisite: B or higher in English 8 or Honors English 8 and/or teacher recommendation

ENG208: ENGLISH10/ENGLISH 3-4
010411/010412
This course continues the focus on reading, writing, listening, and multiple literacies. Students will use a variety of conceptual lenses (relationships, culture, responsibility, integrity, and honor) to gain command of essential skills in written and oral communication and reading of narrative and informational text. Writing sample may include descriptive, narrative, analytical, expository, persuasive, argumentative and technical.

Course length: Two semesters; Credit: 2 credits
Prerequisite: English 9/English 1-2
ENG209: ENGLISH10 HONORS/HONORS ENGLISH 3-4  
010421/010422  
This course provides a more rigorous and intensive study of reading, writing, speaking, and listening. Students will read a variety of narrative and informational texts. Five written papers are required. Additional course work is required above and beyond the regular English 3-4 course.  
  
Course length: Two semesters; Credit: 2 credits  
Prerequisite: Grade of A or B in Honors English 1-2, or teacher recommendation

ENG303A: AMERICAN LITERATURE/ENGLISH 5-6  
010471/010472  
This course focuses on the English Language Arts skills of reading, writing, speaking and listening through a study of American literature. Students will use a variety of conceptual lenses to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

Course length: Two semesters; Credit: 2 credits  
Prerequisite: English 10/English 3-4

AP ENGLISH LANGUAGE AND COMPOSITION  
011911/011912  
Advanced Placement 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.

Course length: Two semesters; Credit: 2 credits  
Prerequisite: Grade of A or B in previous Honors or AP English classes or teacher recommendation

ENG403A: BRITISH AND WORLD LITERATURE/ ENGLISH 7-8  
010531/010532  
This course focuses on the English Language Arts skills of reading, writing, speaking and listening through a study of British and global literature Students will use a variety of conceptual lenses to gain command of essential skills in written and oral communication and the reading of narrative and informational text Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

Course length: Two semesters; Credit: 2 credits  
Prerequisite: English 5-6
AP ENGLISH LITERATURE AND COMPOSITION
011901/011902
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.

Course length: Two semesters; Credit: 2 credits
Prerequisite: Grade of A or B in previous Honors or AP English classes or teacher recommendation

<table>
<thead>
<tr>
<th>Journalism/Yearbook Course Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
</tr>
<tr>
<td>Prerequisite: Journalism 1-2 w/ C or higher</td>
</tr>
<tr>
<td>Yearbook 1-2</td>
</tr>
<tr>
<td>Prerequisite: Yearbook 1-2 w/ C or higher</td>
</tr>
<tr>
<td>Year 3</td>
</tr>
<tr>
<td>Prerequisite: Yearbook 3-4</td>
</tr>
<tr>
<td>Year 4</td>
</tr>
<tr>
<td>Prerequisite: Yearbook 3-4</td>
</tr>
</tbody>
</table>

ENG010: JOURNALISM 1-2
020411/020412
This course introduces students to the field of journalism including the newspaper, photography, and yearbook. Students will learn the history, law, and ethics of journalism as well as journalistic writing, reporting and interviewing, and layout and design. Students are expected to work both individually and collaboratively.

Course Length: Two semesters; Credit: 2 credits
Grade level: 9, 10, 11, 12

HONORS JOURNALISM 1-2
020531/202532
This course introduces students to the field of journalism including the newspaper, photography, and yearbook. Students will learn the history, law, and ethics of journalism as well as journalistic writing, reporting and interviewing, and layout and design. Students are expected to work both individually and collaboratively and must be willing to take on additional responsibilities and assignments.

Prerequisite: English teacher recommendation
Course Length: Two semesters; Credit: 2 credits
Grade Level: 9, 10, 11

YEARBOOK 1 & 2
020441/020442
Students enrolled in this course are responsible for the production of the school yearbook. Students will work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are studied.

Prerequisite: Journalism 1-2.
Course Length: 2 semesters; Credit: 2 credits
Grade Level: 10, 11, 12
HONORS YEARBOOK 1 & 2  
020471/ 020472  
This course allows students to learn the fundamentals of yearbook production, including designing the yearbook, doing photography, writing and editing copy, creating page designs and page layouts, acquiring advertising, marketing the book, managing sales, and distributing the final copy. Students are expected to assume leadership management roles as requested and as assigned in the planning and production of the yearbook. As an honors course, students are required to complete supplementary readings in mass media topics and to complete related research assignments.  
   Prerequisite: see Yearbook Course Sequence  
   Course Length: 2 semesters; Credit: 2 credits  
   Grade Level: 10, 11, 12

HONORS YEARBOOK 3 & 4  
021481/021482  
This course provides students additional opportunities to grow and develop as journalists and leaders by assuming additional responsibilities and assignments. *This course may be taken several times for multiple credits.*  
   Prerequisite: Yearbook advisor permission.  
   Course Length: 2 semesters; Credit: 2 credits  
   Grade Level: 11, 12

ENG030: CREATIVE WRITING  
020351  
Students create original essays, poems, and short stories in this course, which uses two textbooks and focuses on the four-step process writing model. They read professionally written forms of creative writing as models and then integrate their impressions of these works with their personal life experiences as they compose their own writing projects. Students are encouraged to write about topics they find engaging as they practice writing on the following themes: narration, definition, process analysis, cause and effect, and comparison/contrast.  
   Course Length: One semester; Credit: 1 credit—1st Semester only  
   Grade level: 9, 10, 11, 12

FAMILY AND CONSUMER SCIENCE

HUMAN GROWTH AND DEVELOPMENT  
070931  
This course helps students acquire responsible decision-making skills related to wellness, communication skills, healthy relationships, preventing abuse, chemical abuse, sexuality, prenatal care. All senior high students are required to enroll, but a parent may choose to have their student opt out.  
   Course length: one semester; Credit: 1 credit  
   Grade level: 10, 11
INFORMATION TECHNOLOGY

TCH020: COMPUTER FUNDAMENTALS
130821/130822
In this introductory course, students will become familiar with the basic principles of a computer, including the internal hardware, the operating system, and software applications. Students will gain practice in using key applications such as word processors, spreadsheets, and presentation software, as well as understanding social and ethical issues around the Internet, information, and security.

Course Length: Two semesters; Credit: 2 credits
Grade level: 9
REQUIRED ELECTIVE

HONORS COMPUTER SCIENCE AND SOFTWARE ENGINEERING
171081/171082
Open doors in any career with computer science! In CSE, students create apps for mobile devices, automate tasks in a variety of languages, and find patterns in data. Students collaborate to create and present solutions that can improve people’s lives, and weigh the ethical and societal issues of how computing and connectivity are changing the world.

Course Length: Two semesters; Credit: 2 credits
Grade level: 9, 10, 11, 12
Online only

WEB DESIGN 1-2 (Dual Enrollment only)
130281/130282
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 is dual enrolled with Metro Community College and is taught by a MCC instructor using the MCC online learning management system.

Course Length: Two semesters; Credit: 2 credits
Grade Level: 10, 11, 12
Prerequisites: Successful completion of H. Computer Science and Software Engineering
MATH

**MTH113: PRE-ALGEBRA /PRE-ALGEBRA 1-2**
040161/040162
This course is designed to meet the needs of the student who will benefit from a transition course which bridges the similarities of arithmetic and 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 percents, solving linear equations and inequalities, graphing linear equations, working with polynomials, and using measures of central tendency to interpret data.

- Course Length: Two semesters; Credit: 2 credits
- Prerequisite: Teacher recommendation

**MTH128: ALGEBRA I/ALGEBRA 1-2**
040271/040272
K12’s Algebra 1 Summit course is intended to formalize and extend the mathematics that students learned in the middle grades. Because it is built to follow revised middle school math courses, the course covers slightly different ground than previous versions of algebra. In this course, students deepen their understanding of linear and exponential relationships by contrasting them with each other. Students also apply linear models to data that exhibit a linear trend. The course also covers analyzing, solving, and using quadratic functions.

- Course Length: Two semesters; Credit: 2 credits
- Prerequisite: Students who took Algebra 1-2 in middle school and did not receive a grade of a B or better must begin in Algebra 1-2.

**MTH129: ALGEBRA HONORS/HONORS ALGEBRA 1-2**
040281/040282
K12’s Algebra 1 Honors Summit course is intended to formalize and extend the mathematics that students learned in the middle grades. Because it is built to follow revised middle school math courses, the course covers slightly different ground than previous versions of algebra. In this course, students deepen their understanding of linear and exponential relationships by contrasting them with each other. Students also apply linear models to data that exhibit a linear trend. The course also covers analyzing, solving, and using quadratic functions. Each semester also includes an independent honors project.

- Course Length: Two semesters; Credit: 2 credits
- Prerequisite: Teacher recommendation

**MTH208: GEOMETRY/GEOMETRY 1-2**
040351/040352
K12’s Geometry Summit course builds on the geometry covered in middle school to explore more complex geometric situations and deepen students’ ability to explain geometric relationships, moving toward formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, right triangle trigonometry, analysis of three-dimensional objects, conic sections, and geometric modeling.

- Course Length: Two semesters; Credit: 2 credits
- Prerequisite: Passing grades in both semesters of Algebra 1-2 (or equivalent)
Note: Students intending to register for calculus in their junior or senior year are required to follow an honors level curriculum in mathematics

**MTH209: GEOMETRY HONORS/HONORS GEOMETRY 1-2**
040361/040362
K12’s Geometry Honors Summit course builds on the geometry covered in middle school to explore more complex geometric situations and deepen students’ ability to explain geometric relationships, moving toward formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, right triangle trigonometry, analysis of three-dimensional objects, conic sections, and geometric modeling. This course includes all the topics in MTH208 as well as several extension activities. Each semester also includes an independent honors project.

- Course Length: Two semesters; Credit: 2 credits
- Prerequisite: Grade of A or B in Honors Algebra 1-2 or teacher recommendation.

**MTH308: ALGEBRA 2/ALGEBRA 3-4**
040291/040292
This course covers the topics of the traditional second year algebra course. Content includes solving polynomial equations, linear, absolute value, quadratic equations and inequalities, exponents, logarithms, complex numbers, and simple probability.

- Course length: two semesters; Credit: 2 credits
- Prerequisites: Passing grades in ALL semesters of Algebra 1-2 and Geometry 1-2

**MTH309: ALGEBRA 2 HONORS/HONORS ALGEBRA 3-4**
040301/040302
This course provides a rigorous and intensive study of traditional second year algebra. Content includes solving polynomial equations, linear, absolute value, quadratic equations, exponents, logarithms, complex numbers, matrix algebra, series, sequences, and compound probability. Each semester also includes an independent honors project.

- Course length: two semesters; Credit: 2 credits
- Prerequisites: Grade of A or B in Honors Algebra 1-2 and Honors Geometry 1-2 or teacher recommendation.

Note: Students intending to register for calculus in their junior or senior year are required to follow an honors level curriculum in mathematics

**MTH403: PRE-CALCULUS/TRIGONOMETRY**
040401/040402
This course includes topics necessary for successful study of calculus. Topics may include polar coordinates, right triangle trigonometry, circular functions, logarithms, and graphs of rational and polynomial relations and functions.

- Course length: two semesters; Credit: 2 credits
- Prerequisites: Passing grades in all semesters of Algebra1-2, Geometry1-2, Algebra 3-4

**HONORS PRE-CALCULUS/TRIGONOMETRY**
040411/040412
Honors Pre-Calculus Trigonometry includes an in-depth study of trigonometry and is designed as a pre-calculus course for the student who is preparing for a rigorous course in calculus.

- Course length: two semesters; Credit: 2 credits
- Prerequisite: Grade of A, or B in Honors Algebra 3-4 and Honors Geometry1 -2 or teacher recommendation
PHYSICAL EDUCATION

OTH020: PHYSICAL EDUCATION 1-2
070181/070182
Successful completion of this course includes monthly meetings at Western Hills Elementary School for students to demonstrate skills and abilities to meet state physical education standards. Daily work will be completed and submitted online. Exercises and aerobic conditioning activities are required. Multiple mini-units will be offered using a combination of individual, dual and team sports as well as introductory units in weight lifting and aerobics.
   Course Length: Two semesters; Credit: 2 credits
   Grade Level: 9

PLATO EDUCATION: PHYSICAL EDUCATION
070311
Physical education is instruction in exercise and physical activity. This course will provide instruction on maintenance of personal fitness, how to measure different aspects of physical fitness, and how to avoid injury while exercising. This course will teach students how to measure health and fitness by using objective data. We will be using a different curriculum and content provider for this course, Edmentum.
   Course Length: One semester Credit: 1 credit (Semester 1)
   Grade Level: 10, 11, 12

PLATO EDUCATION: PHYSICAL EDUCATION AND HEALTH
070301
This course will guide students through healthy lifestyle choices that will assist students in meaningful ways. Students will be able to identify characteristics of a healthy diet, explain the relationships between a sedentary lifestyle and chronic diseases, develop strategies for preventing disease and injury, and identify types of mental and emotional health issues. Students will understand the importance of investing time and energy into understanding what it means to be healthy. We will be using a different curriculum and content provider for this course, Edmentum.
   Course Length: One semester Credit: 1 credit (Semester 2)
   Grade Level: 10, 11, 12
SCIENCE

SCI102: PHYSICAL SCIENCE 1-2
060501/060502
Students explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. Students develop skill in measuring, solving problems, using laboratory apparatuses, following safety procedures, and adhering to experimental procedures. Students focus on inquiry-based learning, with hands-on laboratory investigations and virtual laboratory experiences.
Course Length: Two semesters; Credit: 2 credits
Grade Level: 9

SCI103: HONORS PHYSICAL SCIENCE 1-2
060531/060532
This course offers a rigorous experience that exposes students to concepts in chemistry, physics, earth science, and space science. Topics may include matter, energy, forces and motion.
Course length: Two semesters; Credit: 2 credits
Prerequisite: Grade of A or B in 8th grade science and concurrent enrollment in Algebra 1-2

SCI203: BIOLOGY 1-2
060411/060412
This course engages students in inquiry-based problem-solving investigations relevant to daily life. Topics may include the cell, molecular basis of heredity, evolution, organisms, matter, energy, and living systems.
Course length: Two semesters; Credit: 2 credits
Prerequisite: Physical Science

SCI204: HONORS BIOLOGY 1-2
060431/060432
This course offers a rigorous approach to the study of the cell, molecular heredity, biological evolution, matter, energy and living organisms.
Course length: Two semesters; Credit: 2 credits
Prerequisite: A or B in Honors Physical Science or teacher recommendation

ADVANCED PLACEMENT PHYSICS 1
61661/61662
Advanced Placement Physics 1 is a year-long course that 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.
Course Length: Two semesters; Credit 2 credits
Prerequisites: successful completion of Physical Science 1-2, Algebra 1-2, and Geometry 1-2 (or concurrent enrollment in Geometry 1-2). Concurrent enrollment in, or previous completion of biology.
Grade Level: 11,12
**OTH032: ASTRONOMY**
060801
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 in the night sky.

- Course Length: One semester; Credit: 1 credit
- Grade level: 9, 10, 11, 12

**SCI113: EARTH SCIENCE 3-4**
061061/061062
This lab-based course builds upon the Nebraska state standards for Earth science that were introduced in the Physical Science course. 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.

- Course length: Two semesters; Credit: 2 credits
- Prerequisite: Physical Science 1-2 and teacher recommendation

**SCI030: FORENSIC SCIENCE**
061331
Forensic Science promotes active learning and emphasizes the application and integration of math, chemistry, biology, physics, and earth science. Topics covered may 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.

- Course Length: One semester; Credit: 1 credit
- Grade level: 9, 10, 11, 12
- Prerequisites: Physical Science 1-2 and Biology 1-2
SOCIAL STUDIES

HST303: U.S. HISTORY 1-2
030901/030902
This course continues the study of United States history from 1914 to the present. Students address the social, economic, and political development of the nation and relate it to both the 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.
Course Length: Two semesters; Credit: 2 credits
Grade level: 9

HST304: HONORS U.S. HISTORY 1-2
030911/030912
This course continues the study of United States History from 1914 to the present. Students address the social, economic, and political development of the nation and relate it to both the 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. Students are required to research and analyze specific concepts in United States history and relate it to current events. This is a rigorous course designed for motivated students.
Course Length: Two semesters; Credit: 2 credits
Grade level: 9
Prerequisite: Grade of A or B in 8th grade social studies or teacher recommendation.

HST413: INTRO TO ECONOMICS
030461
This course examines the key concepts of economics through the study of various sectors of the free enterprise market system. Emphasis is given to the role of citizen in the American market structure.
Course Length: One semester—1st semester only; Credit: 1 credit
Grade level: 10

HST413: HONORS INTRO. TO ECONOMICS
030481
This course examines the key concepts of economics through study of the various sectors of the market system. Fundamentals, micro, macro and international economic concepts will be 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 world today. This is a rigorous course designed for motivated students.
Course length: One semester—1st semester only; Credit: 1 credit
Grade level: 10
Prerequisite: Grade of A in 9th grade social studies or teacher recommendation
HST22: GEOGRAPHY
031011
This course provides an effective method of studying the human activities on planet earth. Human interaction with one another and the environment will be studied and analyzed to provide an understanding of the world. There are four units: Population and Cultural Geography, Urban Geography, Political Geography, Economic and Environmental Geography.
Course Length: One semester; Credit: 1 credit
Grade level: 10

HST22: HONORS GEOGRAPHY
030181
This course provides an effective method for asking questions about places on earth and their relationships to the people who live there. The geography, economics, history, culture and human interaction with the environment will be studied and analyzed to provide an understanding of the world in which we live. This course includes indepth research and analysis about the relationship between humans, economic development and the environment. Reading, writing and activity-based assignments are designed for students willing to take on extra academic challenges. This is a rigorous course designed for motivated students.
Course Length: One Semester
Grade Level: 10
Prerequisite: Grade of A in 9th grade social studies or teacher recommendation

MODERN WORLD HISTORY 1-2
031381/031382
Modern World History 1-2 explores the culture and history of people from 1000 CE 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.
Course Length: Two semesters; Credit: 2 credits
Grade level: 11

ADVANCED PLACEMENT WORLD HISTORY 1-2
030421/030422
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.
Course Length: Two semesters; Credit: 2 credits
Grade level: 11
Prerequisites: A or B in H. Human Geography, or B or better in Human Geography
AMERICAN GOVERNMENT
030251
American Government addresses the theories and practices that are the basis to the nation’s form of government. Students analyze the structure, operations, and functions of local, state, and national governments. This helps students better prepare themselves to practice participatory citizenship, as related to their responsibilities and rights as citizens. This is a one-semester course.

   Course Length: One semester; Credit: 1 credit
   Grade level: 12

HST010: ANTHROPOLOGY
030631
This course presents a behavioral science that focuses on the study of humanity and culture. Students learn the foundations of the five main branches of anthropology including physical, social, linguistic, archeological, and cultural. They are provided the opportunity to apply their observational skills to the real-life study of cultures in the United States and around the world.

   Course Length: One semester—Offered 1st semester only; Credit: 1 credit
   Grade Level: 9, 10, 11, 12

HST050: SOCIOLOGY
030531
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.

   Course Length: One Semester—Offered 2nd semester only; Credit: 1 credit
   Grade Level: 11, 12
WORLD LANGUAGES

WLG100: SPANISH 1/SPANISH 1-2
160501/160502
The first-year stresses interpretive, presentational and interpersonal communication abilities to develop survival skills in Spanish awareness and understanding of the Spanish culture in America and the world.

  Course length: two semesters; Credit: 2 credits
  Grade level: 9, 10, 11

WLG200: SPANISH 2/SPANISH 3-4
160511/160512
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.

  Course length: two semesters; Credit: 2 credits
  Grade level: 9, 10, 11
  Prerequisite: Successful completion of Spanish 1-2 with a grade of a “C” or higher or teacher recommendation.

WLG300: SPANISH 3/HONORS SPANISH 5-6
160551/160552
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.

  Course length: two semesters; Credit: 2 credits
  Grade level: 9, 10, 11
  Prerequisite: Successful completion of Spanish 3-4 with a grade of a “B” or higher or teacher recommendation.

WLG400: SPANISH 3/HONORS SPANISH 7-8
160561-160562
This course in World Languages at the fourth-year level will often center around 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.

  Course length: two semesters; Credit: 2 credits
  Grade level: 9, 10, 11
  Prerequisite: Successful completion of H. Spanish 5-6 with a grade of a “B” or higher or teacher recommendation.