Course Catalog: A Registration Guide for Students and Families

124 North 20 Street, Omaha, NE 68102
402-557-3300
central.ops.org
@OPSCentralHigh
Omaha Central High School Eagles

The mission of Central High School is to continue a tradition of excellence emphasizing academic achievement, responsible global citizenship, pride in diversity and enduring scholarship.

Las Escuelas Públicas de Omaha no discriminan por motivos de raza, color, origen nacionalidad, religión, sexo (incluyendo el embarazo), estado civil, orientación sexual, discapacidad, edad, información genética, identidad de género, expresión de género, estatus de ciudadanía, condición de veterano, afiliación política o condición económica en sus programas, actividades y empleo y se proporciona un acceso equitativo a los niños exploradores (boy Scouts) y otros grupos juveniles. La siguiente persona ha sido designada para aceptar las alegaciones en relación con las políticas de no discriminación: el Superintendente de Escuelas, 3215 Cuming Street, Omaha, NE 68131 (402-557-2001). Las siguientes personas han sido designadas para manejar las preguntas con respecto a las políticas de no discriminación: Director de la Oficina de Equidad y Diversidad, 3215 Cuming St, Omaha, NE 68131 (531-299-0307).
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Every effort has been made to ensure the accuracy of the information presented in this course catalog. Central High School reserves the right to correct any errors.
COURSE PLANNING AND SELECTION
## 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></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></td>
<td>4 years</td>
<td>Fulfilled by OPS requirements</td>
</tr>
<tr>
<td>Social Studies</td>
<td>7 CREDITS</td>
<td></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></td>
<td>3 years</td>
<td>Fulfilled by OPS requirements</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6 CREDITS</td>
<td></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></td>
<td>3 years</td>
<td>Algebra 1-2, Geometry 1-2, Algebra 3-4, UNL – One additional year of math beyond Algebra 3-4</td>
</tr>
<tr>
<td>Science</td>
<td>** 6 CREDITS</td>
<td></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></td>
<td>3 years</td>
<td>Fulfilled by OPS requirements</td>
</tr>
<tr>
<td></td>
<td>UNL, UNO, UNK – 2 years must be selected from Biology, Chemistry, Physics, or Earth Science</td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td>4 CREDITS</td>
<td></td>
</tr>
<tr>
<td>Human Growth &amp; Development</td>
<td>1 CREDIT</td>
<td>N/A</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></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></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.
SCHOOL COUNSELING PROGRAM

The OPS School Counseling division provides a comprehensive, strengths-based program aligned with the American School Counselor Association National Model and the Nebraska Department of Education School Counseling Model. Counselors provide academic, career, and social/emotional support and programming, to all students in grades K-12. The program is designed to be both proactive and responsive to the unique needs of individual students.

The Role of School Counselors

The OPS School Counseling framework is built on a strengths-based foundation, utilizing a balanced management model of counselor assignment and domain specialization, delivered via curriculum, individual student planning and responsive services with a focus on being data/results driven to ensure accountability. Through classroom curriculum, group activities, and individual sessions, school counselors guide all students toward academic success and post-secondary education goals. Students are sometimes challenged with the demands of school and life. Decision-making, conflict resolution, problem solving, and healthy relationships are some of the topics school counselors discuss with students.

School counselors actively promote leadership, collaboration, student advocacy, and systemic change through evidence-based and research informed practice. School counselors focus on improving school connectedness to assist students and families in overcoming barriers that are impacting the students’ success.

Every student will be assigned a school counselor who will provide the personal support needed to achieve social competence and academic success. Every student will be empowered to gain the attitude, knowledge, and skills necessary for lifelong academic, career, and personal success. Every student will be provided a system of support to address immediate needs and concerns impacting school success. At the secondary level, our school counseling program utilizes a balanced management system. Counselors are first responsible for assigned students, and also responsible for a domain specialization for purposes of curriculum delivery and professional development. Strengths-based school counseling focuses on identifying strengths and promoting positive development.

High school counselors work with all students individually, as well as in small groups and in the classroom. They focus on: assisting students in updating their four-year Academic Plans, providing support to ensure students stay on track for graduation, preparing students to be college and career ready, and supporting students experiencing personal challenges. All students receive information about and support with: ACT/SAT preparation and testing, career assessment and decision-making, 2- and 4-year college selection, application and admission, NCAA Eligibility Guidelines, military or job applications, financial aid, scholarships and FAFSA completion. Parents and guardians are encouraged to contact their student’s counselor for information and resources.

Central High School Counselor Assignments

<table>
<thead>
<tr>
<th>Name</th>
<th>Assigned Students</th>
<th>Phone</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ms. Jenn Walker</td>
<td>A, X, Z</td>
<td>402-557-3364</td>
<td><a href="mailto:jennifer.walker@ops.org">jennifer.walker@ops.org</a></td>
</tr>
<tr>
<td>Mr. John Flemming</td>
<td>D, O, P, U, V</td>
<td>402-557-3327</td>
<td><a href="mailto:john.flemming@ops.org">john.flemming@ops.org</a></td>
</tr>
<tr>
<td>Ms. Sheri Harrach</td>
<td>F, G, T</td>
<td>402-557-3324</td>
<td><a href="mailto:sheri.harrach@ops.org">sheri.harrach@ops.org</a></td>
</tr>
<tr>
<td>Mrs. Leslie Hill</td>
<td>H, R</td>
<td>402-557-3321</td>
<td><a href="mailto:leslie.hill@ops.org">leslie.hill@ops.org</a></td>
</tr>
<tr>
<td>Mrs. Angie Meyer</td>
<td>12th Grade College</td>
<td>402-557-3325</td>
<td><a href="mailto:angela.meyer@ops.org">angela.meyer@ops.org</a></td>
</tr>
<tr>
<td>Mr. Ron Moore</td>
<td>C, EL</td>
<td>402-557-3326</td>
<td><a href="mailto:ronald.moore@ops.org">ronald.moore@ops.org</a></td>
</tr>
<tr>
<td>Ms. Mindy Morgan</td>
<td>J, L, W</td>
<td>402-557-3322</td>
<td><a href="mailto:mindy.morgan@ops.org">mindy.morgan@ops.org</a></td>
</tr>
<tr>
<td>Ms. Julie Politi</td>
<td>M, N</td>
<td>402-557-3394</td>
<td><a href="mailto:julie.politi@ops.org">julie.politi@ops.org</a></td>
</tr>
<tr>
<td>Mr. Tom Reilly</td>
<td>E, Q, S</td>
<td>402-557-3396</td>
<td><a href="mailto:thomas.reilly@ops.org">thomas.reilly@ops.org</a></td>
</tr>
<tr>
<td>Mrs. Michelle Synowiecki</td>
<td>B, I, K, Y, EL Support</td>
<td>402-557-3323</td>
<td><a href="mailto:michelle.synowiecki@ops.org">michelle.synowiecki@ops.org</a></td>
</tr>
</tbody>
</table>

Additional Resources

Central students also have access to a school Social Worker and a Community Counselor. Please contact your student’s assigned counselor for a referral. The counseling department also has many ties to resources within OPS and the Omaha community. Please contact your student’s assigned counselor if you need help accessing community resources. Visit the School Counseling web page on the Central High website for additional information regarding testing opportunities, athletic division information, community involvement opportunities, career planning, college representative visits, ACT/SAT information, college campus events, scholarships, and registration.
LONG-TERM ACADEMIC PLANNING

Every student at Central High School has a four-year academic plan. This is a fluid plan which is revised throughout each year to fit the student's current interests and anticipated post-secondary plans. In developing their four-year plan, students should also consider co-curricular activities and the amount of time spent working and volunteering. Every student has an Academic Planner tool via Infinite Campus Portal, which can be accessed by student and parent/guardian once the high school placement process is complete. The Academic Planner is a draft and can be changed until registration for the next school year, during which counselors will “lock” course choices into place. Below is an overview of four years of course options that will meet the needs of most students. Student interest, post-secondary plans, course prerequisites, program requirements, and teacher input will impact final course selections.

<table>
<thead>
<tr>
<th>9th Grade Options</th>
<th>10th Grade Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td><strong>English</strong></td>
</tr>
<tr>
<td>English 1-2 OR</td>
<td>English 3-4 OR</td>
</tr>
<tr>
<td>H. English 1-2 OR</td>
<td>H. English 3-4</td>
</tr>
<tr>
<td>English 1-2 ELL</td>
<td></td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td><strong>Social Studies</strong></td>
</tr>
<tr>
<td>U.S. History 1-2 OR</td>
<td>Human Geography/Intro to Economics OR</td>
</tr>
<tr>
<td>H. US History 1-2 OR</td>
<td>H. Human Geography/H. Intro to Econ OR</td>
</tr>
<tr>
<td>U.S. History 1-2 ELL</td>
<td>AP Human Geography/H. Intro to Econ</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td><strong>Mathematics</strong></td>
</tr>
<tr>
<td>Math as recommended (any course listed with a status of “meets requirement”)</td>
<td>Math as recommended (any course listed with a status of “meets requirement”)</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td><strong>Science</strong></td>
</tr>
<tr>
<td>Physical Science 1-2 OR</td>
<td>Biology 1-2 OR</td>
</tr>
<tr>
<td>H. Physical Science 1-2 OR</td>
<td>H. Biology 1-2 OR</td>
</tr>
<tr>
<td>Physical Science 1-2 ELL OR</td>
<td>Science Elective (any course listed with a status of “meets requirement”)</td>
</tr>
<tr>
<td>H. Biology 1-2</td>
<td></td>
</tr>
<tr>
<td><strong>Info Tech</strong></td>
<td><strong>Info Tech</strong></td>
</tr>
<tr>
<td>Info Tech Fundamentals 1-2</td>
<td>Info Tech Fundamentals 1-2</td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td><strong>Physical Education</strong></td>
</tr>
<tr>
<td>PE as selected (any course listed with a status of “meets requirement”) OR</td>
<td>PE as selected (any course listed with a status of “meets requirement”) OR</td>
</tr>
<tr>
<td>Concert Band (1st Semester counts as PE) OR</td>
<td>Concert Band (1st Semester counts as PE) OR</td>
</tr>
<tr>
<td>J ROTC 1-2</td>
<td>J ROTC 1-2 or J ROTC 3-4</td>
</tr>
<tr>
<td>Lunch</td>
<td>Lunch</td>
</tr>
<tr>
<td>All 9th graders are required to take lunch</td>
<td>All 9th graders are required to take lunch</td>
</tr>
<tr>
<td><strong>Additional Selections</strong></td>
<td><strong>Additional Selections</strong></td>
</tr>
<tr>
<td>(include World Language, Study Hall, etc)</td>
<td>(include World Language, Study Hall, etc)</td>
</tr>
<tr>
<td>1)</td>
<td>1)</td>
</tr>
<tr>
<td>2)</td>
<td>2)</td>
</tr>
<tr>
<td><strong>11th Grade Options</strong></td>
<td><strong>12th Grade Options</strong></td>
</tr>
<tr>
<td><strong>English</strong></td>
<td><strong>English</strong></td>
</tr>
<tr>
<td>English 5-6 OR</td>
<td>English 7-8 OR</td>
</tr>
<tr>
<td>AP English Language and Composition 1-2</td>
<td>English 7-8 Global Issues/Social Justice OR</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td><strong>Social Studies</strong></td>
</tr>
<tr>
<td>Modern World History 1-2 OR</td>
<td>American Government (1 sem) OR</td>
</tr>
<tr>
<td>AP World History 1-2</td>
<td>AP American Government (1 year)</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td><strong>Mathematics</strong></td>
</tr>
<tr>
<td>Math as recommended (any course listed with a status of “meets requirement”)</td>
<td>Math as recommended (any course listed with a status of “meets requirement”)</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td><strong>Science</strong></td>
</tr>
<tr>
<td>Science Elective (any course listed with a status of “meets requirement”)</td>
<td>Science Elective (any course listed with a status of “meets requirement”)</td>
</tr>
<tr>
<td><strong>Additional Selections</strong></td>
<td><strong>Additional Selections</strong></td>
</tr>
<tr>
<td>(include Lunch, World Language, Study Hall, etc)</td>
<td>(include Lunch, World Language, Study Hall, Class Release, etc)</td>
</tr>
<tr>
<td>1)</td>
<td>1)</td>
</tr>
<tr>
<td>2)</td>
<td>2)</td>
</tr>
<tr>
<td>3)</td>
<td>3)</td>
</tr>
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<td>4)</td>
<td>4)</td>
</tr>
<tr>
<td>5)</td>
<td>5)</td>
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</table>
REGISTRATION, SCHEDULING, AND RECOGNITION

COURSE SELECTION
Central High School takes great care in helping students select appropriate courses and levels (academic, honors, AP, etc.). See each course description on the following pages for prerequisites. Course placement recommendations are made after careful consideration of current and previous grades earned, career/college interest, parent/guardian input, work ethic, assessment scores, and student interest. We strongly encourage students and families to consider teacher recommendations, as teachers are uniquely qualified to understand student aptitude and fit with course curriculum.

COLLEGE PREPARATORY CURRICULUM
Preparation for post-secondary education is a concern for many students. Course selections should be made carefully to assure admission to the college of choice. Public and private institutions expect the transcript to show that the applicant has met certain prerequisites for admission. Requirements vary, and students should consult school catalogs and/or websites of institutions they may wish to attend as they plan their programs of study. Students and parents/guardians are responsible for researching the requirements of each institution to ensure that students have selected appropriate courses.

REGISTRATION TIMELINE

<table>
<thead>
<tr>
<th>9th grade and throughout high school</th>
<th>Students use IC Academic Planner for long-term academic planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 2019</td>
<td>Teachers discuss course recommendations, available courses, and next steps with classes and students</td>
</tr>
<tr>
<td>Throughout registration process</td>
<td>Parent/guardian review materials sent home, complete homework, review/update IC Academic Planner</td>
</tr>
<tr>
<td>February-March 2019</td>
<td>Orientation and one-on-one registration meeting with assigned CHS counselor for all students grades 8-11</td>
</tr>
<tr>
<td>During registration appointment</td>
<td>Students’ IC Academic Planner updated and locked by assigned counselor</td>
</tr>
<tr>
<td>May 2019</td>
<td>Families review courses selected by students for verification</td>
</tr>
<tr>
<td>May 22, 2019</td>
<td>Last day to change course selections</td>
</tr>
</tbody>
</table>

SCHEDULING PRACTICES
All Students
- Students in grades 9-11 are required to register for a minimum of 7 credits per semester.
- All students are encouraged to include a lunch in their schedule every day. 9th graders are required to include a lunch in their schedule.
- Enrollment in an Honors or AP course is a commitment for the duration of the course. Schedules will not be changed from an Honors to a non-Honors/AP course unless the teacher, department chair and principal or designee agrees that the student is academically misplaced.
- No schedule changes will be made after May 22, 2019 unless:
  - The student completed a course during summer school for which they had registered.
  - The student must repeat a failed course from the previous school year or summer school.
  - A course conflict in the student’s schedule necessitates dropping or changing a course.
  - The student needs an additional course to meet graduation requirements.
  - The student is not carrying the required 7 credit load (5 credits for seniors).
  - All of the student’s one semester classes are in the SAME semester, and study halls are all the opposite 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.

12th Graders
- Students in grade 12 are required to register for a minimum of 5 credits per semester.
- Students may request early release with parent/guardian approval.
- Seniors are encouraged to take a rigorous schedule that will prepare them for college and career.
- Seniors selecting five or six credits per semester will very likely have a study hall in their schedule. Many colleges look closely at senior schedules for rigor.
- There is no guarantee of early release for seniors. Students should not make work or other commitments based on their school schedule until after they receive their schedule. Classes will not be overloaded to accommodate early release.

CREDIT RECOVERY
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.
ACADEMIC RECOGNITION

Honor Roll certificates are issued 4 times per year to students who meet the following criteria:

- **Golden Eagle**: Students with a Grade Point Average of 4.0000 and above for the previous QUARTER
- **Special**: Students with a Grade Point Average of 3.5000 to 3.9999 for the previous QUARTER
- **High**: Students with a Grade Point Average of 3.0000 to 3.4999 for the previous QUARTER

Purple Feathers are issued one time per year to students who meet the following criteria:

- **CUMULATIVE** Grade Point Average of 3.5 and above
- Special recognition is given to seniors who are being awarded the Purple Feather for the 4th time in their high school career AND whose SEMESTER Grade Point Averages have consistently been 3.5000 or higher
- Students awarded a Purple Feather may purchase an Academic Letter from the Student Council sponsor

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 Assessment – 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 matter so as to accommodate the registration of courses for the school year in question.
DEPARTMENTS AND COURSES
### ART

<table>
<thead>
<tr>
<th>COURSE TITLE</th>
<th>GRADE</th>
<th></th>
<th></th>
<th>P – prerequisite</th>
<th></th>
<th>* – semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 1-2 (Beginning Drawing/Design)</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td></td>
<td></td>
</tr>
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<td>Forensic Science 1-2</td>
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<td>Marine Biology/Oceanography 1</td>
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<td>Astronomy 1-2</td>
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<td>Physics 1-2</td>
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<td>Chemistry 1-2</td>
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<td>H. Chemistry 1-2</td>
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<td>AP Biology 1-2</td>
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<td>AP Chemistry 1-2</td>
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<td>H. Advanced Research 1-2</td>
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### SOCIAL STUDIES

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>AP Human Geography</td>
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<tr>
<td>AP Macroeconomics</td>
<td>11 12 P</td>
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<tr>
<td>AP Microeconomics</td>
<td>11 12 P</td>
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<tr>
<td>AP World History 1-2</td>
<td>11 12 P</td>
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<tr>
<td>AP United States Government and Politics</td>
<td>11 12 P</td>
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<tr>
<td>AP Comparative Government and Politics</td>
<td>11 12 P</td>
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<tr>
<td>AP United States History 1-2</td>
<td>11 12 P</td>
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<tr>
<td>African American History</td>
<td>10 11 12 *</td>
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<tr>
<td>Anthropology</td>
<td>10 11 12 *</td>
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<tr>
<td>Honors Introduction to World Religions</td>
<td>11 12 *</td>
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<tr>
<td>Law and Juvenile Justice</td>
<td>10 11 12 *</td>
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<tr>
<td>Omaha History</td>
<td>10 11 12 *</td>
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<tr>
<td>Psychology</td>
<td>10 11 12 *</td>
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<tr>
<td>AP Psychology 1-2</td>
<td>10 11 12 P</td>
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<tr>
<td>Sociology</td>
<td>10 11 12 *</td>
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<tr>
<td>Native American Identity and History</td>
<td>10 11 12 *</td>
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<td>Honors Academic Decathlon</td>
<td>10 11 12 P</td>
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### WORLD LANGUAGES

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<tr>
<th>Language</th>
<th>Grades</th>
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<tr>
<td>Chinese 1-2</td>
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<tr>
<td>Chinese 3-4</td>
<td>9 10 11 12 P</td>
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<tr>
<td>Honors Chinese 5-6</td>
<td>10 11 12 P</td>
</tr>
<tr>
<td>Honors Chinese 7-8</td>
<td>11 12 P</td>
</tr>
<tr>
<td>French 1-2</td>
<td>9 10 11</td>
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<tr>
<td>French 3-4</td>
<td>9 10 11 12 P</td>
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<tr>
<td>Honors French 5-6</td>
<td>10 11 12 P</td>
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<tr>
<td>Honors French 7-8</td>
<td>11 12 P</td>
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<tr>
<td>AP French Language 1-2</td>
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<td>German 1-2</td>
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<td>German 3-4</td>
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<tr>
<td>Honors German 5-6</td>
<td>10 11 12 P</td>
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<tr>
<td>Honors German 7-8</td>
<td>11 12 P</td>
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<tr>
<td>AP German Language 1-2</td>
<td>12 P</td>
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<tr>
<td>Latin 1-2</td>
<td>9 10 11 12</td>
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<td>Latin 3-4</td>
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<td>Honors Latin 5-6</td>
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<td>Honors Latin 7-8</td>
<td>12 P</td>
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<tr>
<td>Spanish 1-2</td>
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<td>Spanish 3-4</td>
<td>9 10 11 12 P</td>
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<td>Honors Spanish 5-6</td>
<td>10 11 12 P</td>
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<td>Honors Spanish 7-8</td>
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<td>AP Spanish Language 1-2</td>
<td>12 P</td>
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<tr>
<td>Spanish for Spanish Speakers 1-2</td>
<td>9 10 11</td>
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<tr>
<td>Honors Spanish for Spanish Speakers 3-4</td>
<td>9 10 11 12 P</td>
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<tr>
<td>Honors Spanish for Spanish Speakers 5-6</td>
<td>10 11 12 P</td>
</tr>
<tr>
<td>AP Spanish Literature 1-2</td>
<td>12 P</td>
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THE ADVANCED PLACEMENT PROGRAM®

The College Board's Advanced Placement (AP) Program® is a nationwide cooperative educational endeavor between secondary schools, colleges, and universities. Since its inception in 1955, the AP Program has provided motivated high school students with the opportunity to take college-level courses in a high school setting. The 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 high-level academic skills, but also to earn college credit while still in high school. Successful completion of AP Exams offers students 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 of college. Participation in the AP program gives students a college level experience while still in high school.

Dedicated and enthusiastic high school teachers, following course guidelines developed and published by the College Board, teach AP courses. The Program’s success is rooted in the collaborative efforts of motivated students, dedicated teachers, and Central High School. By participating in the AP Program, Central High students make a commitment to the rigor and challenge of college-level courses. Taking honors courses in these subjects prepares students to enter the AP classes. “AP” designation on the transcript for each course is contingent upon authorization of the College Board. Should a staff change occur, the course will be reauthorized upon College Board approval. AP teachers are available for student support by appointment, typically before or after school or via email. Many AP teachers also offer group study opportunities and AP practice exams during the months leading up to the AP test.

<table>
<thead>
<tr>
<th>COURSE TITLE</th>
<th>READING</th>
<th>REQUIRED STUDY</th>
<th>SUMMATIVE WORKS</th>
<th>SUMMER ASSIGNMENT</th>
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<tbody>
<tr>
<td><strong>ART</strong></td>
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<tr>
<td>AP STUDIO ART: DRAWING OR AP STUDIO ART: 2D DESIGN</td>
<td>5-10 hours per week</td>
<td>24 new college level works, including 12 breadth and 12 concentration pieces, article reviews, written critiques, exhibit reviews, artist statement, formal exhibit of personal work, photographs of all breadths and concentrations</td>
<td>Do graded breadth assignments, work on ideas for concentration, take reference photos</td>
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<tr>
<td>AP STUDIO ART: 3D DESIGN</td>
<td>5-10 hours per week</td>
<td>16-20 new college level 3-D works, including 8 breadth pieces and 8-12 concentration pieces, research paper, artist statement, exhibit and article reviews</td>
<td>Do graded breadth assignments, work on ideas for concentration</td>
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<td><strong>BMIT</strong></td>
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<tr>
<td>AP COMPUTER SCIENCE PRINCIPLES</td>
<td>150 pages</td>
<td>1 hour per week</td>
<td>6 tests, 15 projects</td>
<td>None</td>
</tr>
<tr>
<td>AP COMPUTER SCIENCE</td>
<td>150 pages</td>
<td>1 hour per week</td>
<td>6 tests, 15 projects</td>
<td>None</td>
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<tr>
<td><strong>ENGLISH</strong></td>
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<tr>
<td>AP ENGLISH LANGUAGE</td>
<td>100 pages per week, fiction and non-fiction</td>
<td>5-7 hours per week</td>
<td>10-15 impromptu themes, 1 prepared theme, 3-4 exams first semester; 15-20 impromptu themes, 1 research paper and 3-4 exams second semester</td>
<td>Read 4 novels and complete accompanying work/study guide for each</td>
</tr>
<tr>
<td>AP ENGLISH LITERATURE</td>
<td>100 pages per week, fiction and non-fiction</td>
<td>5-7 hours per week</td>
<td>1 research paper, 1 project, 5-7 themes, 5 personal essays, 4-5 exams</td>
<td>Read 1-2 novels and complete reading log and reflection journal</td>
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<tr>
<td><strong>WORLD LANGUAGE</strong></td>
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<tr>
<td>AP FRENCH LANGUAGE</td>
<td>Semester chapters</td>
<td>30 minutes per day</td>
<td>1-2 quizzes per chapter, 5-6 exams, 1 research project, 3 speaking evaluations, minimum 2 mini projects/chapter</td>
<td>None</td>
</tr>
<tr>
<td>AP GERMAN LANGUAGE</td>
<td>Completion of readings begun in class</td>
<td>30 minutes per day</td>
<td>4 written/reading comprehension tests, 4 speaking tests, 4 listening tests, weekly vocabulary and grammar quizzes, 1 essay</td>
<td>None</td>
</tr>
<tr>
<td>AP SPANISH LANGUAGE</td>
<td>Voluntary reading from various websites</td>
<td>30 minutes per day</td>
<td>6 listening tests, 4 debates, 1 speaking test, 6 reading tests, grammar term exam, 4 writing assessments, and a cumulative vocabulary test</td>
<td>Review vocabulary and reading from provided websites</td>
</tr>
<tr>
<td>Course</td>
<td>Textbooks and Assignments</td>
<td>Hours and Activities</td>
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<tr>
<td>AP SPANISH LITERATURE</td>
<td>Completion of readings begun in class, review of readings</td>
<td>30 minutes per day, 4 debates, 4 writing and 3-4 literary theory tests, formative reading comprehension tests as needed, summative reading comprehension test</td>
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<tr>
<td>AP CALCULUS AB</td>
<td>Sem. 1: Ch.1-2 Sem. 2: Ch.4-7</td>
<td>5-7 hours per week, Minimum 2 quizzes/chapter, chapter exams, semester exams</td>
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<tr>
<td>AP CALCULUS BC</td>
<td>Sem. 1: Ch.1-5 Sem. 2: Ch.6-9</td>
<td>5-7 hours per week, Minimum 2 quizzes/chapter, chapter exams, semester exams</td>
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<tr>
<td>AP STATISTICS</td>
<td>30 pages per week 800 pages per year Completion of reading guide</td>
<td>3-4 hours per week, Quizzes on every section, chapter tests, take-home free response questions for each chapter, 2 practice problem sets/week</td>
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<tr>
<td>AP MUSIC THEORY</td>
<td>10 pages per week</td>
<td>4 hours per week, 4 tests, 2-3 composition assignments</td>
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<tr>
<td>AP BIOLOGY</td>
<td>50 pages per week</td>
<td>5 hours per week, Tests &amp; lab Reports 20/semester, Human Anatomy &amp; Physiology Project</td>
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<tr>
<td>AP CHEMISTRY</td>
<td>40 pages per week</td>
<td>3-5 hours per week, 8-10 major exams, 8-12 formal lab reports, 20 homework assignments and many small quizzes</td>
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<tr>
<td>AP PHYSICS 1</td>
<td>30 pages per week</td>
<td>5 hours per week, Concept tests, lab reports, practice problem sets</td>
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<tr>
<td>AP PHYSICS 2</td>
<td>30 pages per week</td>
<td>5 hours per week, Concept tests, lab reports, practice problem sets</td>
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<tr>
<td>AP PHYSICS C</td>
<td>10-25 pages per week</td>
<td>5 hours per week, 4 exams, 2 papers and 8 formal lab reports</td>
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<tr>
<td>AP GOVERNMENT AND POLITICS: COMPARATIVE</td>
<td>400 pgs. in text; supplementary reading; selected articles</td>
<td>3-4 hours per week, 7 tests, 7 quizzes, 3 projects, 1 research paper, weekly current events summaries, monthly current events editorials</td>
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<tr>
<td>AP GOVERNMENT AND POLITICS: U.S.</td>
<td>400 pgs. in text; supplementary reading; selected articles</td>
<td>3-4 hours per week, 7 tests, 7 quizzes, 3 projects, 1 research paper, weekly current events summaries, monthly current events editorials</td>
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<tr>
<td>AP HUMAN GEOGRAPHY</td>
<td>500 pages in text, extra articles, AP Prep book</td>
<td>4-6 hours per week, Group and individual presentations, 1-2 quizzes per chapter, 10 chapter tests, 1 free response question per chapter</td>
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<tr>
<td>AP MACROECONOMICS</td>
<td>400 pgs. in text; supplementary reading; selected articles</td>
<td>3-4 hours per week, 5 tests, 5 quizzes, 3 projects, 1 research paper, weekly current events summaries, monthly current events editorials</td>
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<tr>
<td>AP MICROECONOMICS</td>
<td>400 pgs. in text; supplementary reading; selected articles</td>
<td>3-4 hours per week, 5 tests, 5 quizzes, 3 projects, 1 research paper, weekly current events summaries, monthly current events editorials</td>
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<tr>
<td>AP PSYCHOLOGY</td>
<td>400 pages per semester, additional assigned readings</td>
<td>5-6 hours per week, 9 quizzes, 9 unit tests and 9 homework/mini- projects/papers; cumulative midterm and semester exam</td>
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<tr>
<td>AP US HISTORY</td>
<td>1000 pages per year; supplemental documents</td>
<td>5 hours per week, 8 tests, reading quizzes, major research project including paper and presentation</td>
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<tr>
<td>AP WORLD HISTORY</td>
<td>1000 pages per year; articles; primary sources</td>
<td>3-5 hours per week, 5-6 exams, 1 research project, 3-4 assigned essays</td>
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</table>

**Note:** The table above provides an overview of the typical workload and assignments for various high school courses. Actual requirements may vary depending on the specific course and teacher.
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 yet 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: $44 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 school 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/](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.
ART DEPARTMENT FLOWCHART

Art 1-2
Beginning Drawing & Design

Art 3-4
Adv. Drawing & Beginning Painting
(Honors option)

Applied Design 1-2

Pottery 1-2

Honors Studio Art

Art 5-6
Adv. 2-D Design & Sculpture
(Honors option)

Adv. Applied Design
(Honors option)

Pottery 3-4
(Honors option)

AP Studio Art:
Drawing OR 2-D Design

Honors Studio Art

Art 7-8
Watercolor & Personal Style
(Honors option)

Adv. Applied Design 3-4
(Honors option)


AP Studio Art:
3-D Design

Pottery 5-6
(Honors option)
The goal of the Art Department is to develop and nurture an application of the study of the visual arts past and present. A sequential program of instruction is aimed at mastery in the disciplines of aesthetics, art production, criticism, and art history. This program results from a wide range of experiences: use of art elements and principles of design, the vocabulary of art, the use of art tools and techniques in a variety of media, art survey, art and the artists in the community, and the exploration of continued studies and career opportunities in the field of art.

**ART 1-2 (Beginning Drawing/Design)**  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.
- Credit: 1 per semester
- Grade Level: 9, 10, 11, 12
- Duration: 2 semesters
- Status: Elective credit
- Prerequisite: Art 1-2 with a passing grade

**ART 3-4 (Advanced Drawing/Beginning Painting) (Honors Option)**  110251/110252
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.
- Credit: 1 per semester
- Grade Level: 10, 11, 12
- Duration: 2 semesters
- Status: Elective credit
- Prerequisite: Art 3-4 with a grade of “C” or better

**ART 5-6 (Advanced Two-Dimensional Design/Sculpture) (Honors Option)**  110291/110292
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). 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 engage in art criticism and aesthetic discussion as they explore various time periods and cultures from an art historical perspective. Students will keep a drawing and reflection sketchbook.
- Credit: 1 per semester
- Grade Level: 11, 12
- Duration: 2 semesters
- Status: Elective credit
- Prerequisite: Art 5-6 with a grade of “C” or better or permission of department head

**ART 7-8 (Honors Option)**  110331/110332
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.
- Credit: 1 per semester
- Grade Level: 12
- Duration: 2 semesters
- Status: Elective credit
- Prerequisite: Art 5-6 with a grade of “C” or better or permission of department head

**APPLIED DESIGN 1-2**  110431/110432
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.
- Credit: 1 per semester
- Grade Level: 10, 11, 12
- Duration: 2 semesters
- Status: Elective credit
- Prerequisite: Art 1-2 with a passing grade
ADVANCED APPLIED DESIGN 1-2 (Honors Option) 110441/110442
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 versus function and fine art versus 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.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11, 12  Status: Elective credit
Prerequisite: Applied Design 1-2 with a grade of “C” or better

TECHNICAL PROBLEMS: ADVANCED APPLIED DESIGN 3-4 (Honors Option) 110551/110552
This course is designed for the third year applied design students as an extension of Advanced Applied Design. Lessons will address advanced problems in design, media, and process. Areas of concentration are the development of a thematic emphasis, and the art disciplines of aesthetics, art criticism, art history, and art production.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 12  Status: Elective credit
Prerequisite: Advanced Applied Design with a grade of “C” or better

POTTERY 1-2 110461/110462
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.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 10, 11, 12  Status: Elective credit
Prerequisite: Art 1-2 with a passing grade

POTTERY 3-4 (Honors Option) 110471/110472
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.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11, 12  Status: Elective credit
Prerequisite: Art 1-2 and Pottery 1-2 with a grade of “C” or better

POTTERY 5-6 (Honors Option) 110681/110682
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.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 12  Status: Elective credit
Prerequisite: Pottery 3-4 with a grade of “C” or better

HONORS STUDIO ART 1-2 110591/110592
The 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.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11, 12  Status: Elective credit
Prerequisite: Art 3-4 with a grade of “B” or better and permission of department head
HONORS STUDIO ART 3-4 110611/110612
This course focuses on exhibitions, portfolios, scholarship preparation and career planning. Areas of concentration will be art production, art history, art criticism, and aesthetics. Students are strongly encouraged to enroll concurrently in another art class. 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.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 12  Status: Elective credit
Prerequisite: Honors Studio Art 1-2 with a grade of “B” or better and permission of department head

AP STUDIO ART: DRAWING PORTFOLIO OR 2-D DESIGN PORTFOLIO 110841/110842
Serious and highly motivated art students are invited to enroll in this demanding and college preparatory course. A rigorous portfolio in drawing is required and will be developed by the student and teacher within guidelines determined by the College Board. The term “drawing” is used very broadly; all sorts of art that involves directly making marks on a surface can fit into this portfolio. The AP Studio Art student is required to devote an additional class period of independent study toward the development of the portfolio. This course focuses on exhibitions, portfolios, scholarship preparation and career planning.
Credit: 2 per semester  Duration: 2 semesters, requires 1 additional class period per semester for independent work
Grade Level: 12  Status: Elective credit
Prerequisite: Honors Studio Art 1-2 with a grade of “B” or better and permission of department head

AP STUDIO ART: 3-D DESIGN 110851/110852
This course prepares advanced art students for post-secondary art at the university or art school level. A portfolio is developed and submitted following the National College Board guidelines. 3-D Design involves purposeful decision-making using the elements and principles of art in an integrative way to demonstrate a thorough understanding of depth and space, volume and surface. Students, in their portfolio, are asked to show mastery of 3-D design through any three-dimensional approach, including but not limited to, figurative or non-figurative sculpture, architectural model, metal work, ceramics, glass work, installation, assemblage and 3-D fabric/fiber arts. The student is required to devote an additional class period of independent study toward the development of the portfolio. Course participants will be prepared, but not required, to take the Advanced Placement exam to earn college credit.
Credit: 2 per semester  Duration: 2 semesters
Grade Level: 12  Status: Elective credit
Prerequisite: Pottery 3-4 with grade of B or better, and permission of department head
Business, marketing, and technology courses are designed to give students a head start in post-secondary courses or provide competencies to begin future training and employment upon graduation. Students should consider taking courses in business, marketing, and technology if they plan to take further courses after graduation, enter the work force, or add balance to their high school course selection.

Sequencing of courses is necessary in order to meet various course prerequisites. Students planning a career path in business should begin the sequence of courses at the 9th and 10th grade levels with basic skill development courses such as Information Technology Fundamentals. Students should plan a series of business, marketing, and technology courses, integrated with their college preparatory courses to develop skills needed for post-secondary education or for success in the world of work.

Cocurricular Associations:

DECA – An association of marketing students, DECA is a cocurricular organization which develops leadership, and participates in civic projects, social activities, and career exploration. Competitions on a local, state, and national level are available. Membership is available to all students in Marketing 1-2, Fashion Merchandising 1-2, or Marketing 3-4.

FBLA – (Future Business Leaders of America) is a cocurricular organization comprised of business/marketing/technology students. Chapter activities include the development of leadership through participation in civic and community projects, social activities, and career exploration. Competitions and conferences are available to all members, and are held at the local, state, and national level. Through FBLA, students are encouraged to network with members from all over the state and nation and to build a positive rapport with the professional community. FBLA is open to all students who have an interest in business, marketing, or technology.

### BUSINESS

#### 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. This course is eligible for Dual Enrollment.

- **Credit:** 1 per semester
- **Grade Level:** 12
- **Duration:** 1 semester
- **Status:** Meets requirement

#### HONORS PERSONAL FINANCE 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. This course is eligible for Dual Enrollment through Metropolitan Community College.

- **Credit:** 1 per semester
- **Grade Level:** 12
- **Duration:** 1 semester
- **Status:** Meets requirement

#### PRINCIPLES OF BUSINESS, MARKETING AND MANAGEMENT (Honors Option) 120021
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.

- **Credit:** 1 per semester
- **Grade Level:** 9, 10, 11, 12
- **Duration:** 1 semester
- **Status:** Elective credit

#### ACCOUNTING 1-2 (Honors Option) 120171/120172
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. **Students will need to access accounting software via the internet after school hours at the school library, public library, or at home.**

- **Credit:** 1 per semester
- **Grade Level:** 10, 11, 12
- **Duration:** 2 semesters
- **Status:** Elective credit

**Prerequisite:** Grade of “C” in Algebra 1-2
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.

**Credit:** 1 per semester

**Duration:** 2 semesters

**Grade Level:** 11, 12

**Status:** Elective credit

**Prerequisite:** Grade of “C” or better in Accounting 1-2

### BUSINESS/CONSUMER LAW

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.

**Credit:** 1 per semester

**Duration:** 1 semester

**Grade Level:** 11, 12

**Status:** Elective credit

### HONORS INTRO TO BUSINESS

*This college-level course is taught online by Metropolitan Community College and requires that students enroll for dual credit.* There is collaboration between a Central teacher and the Metro instructor to assist students with technology and curriculum. The 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.

**Credit:** 1 per semester

**Duration:** 1 semester

**Grade Level:** 11, 12

**Status:** Elective credit

**Prerequisite:** Permission of department chair

### ENTREPRENEURSHIP

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, or actual creation of a student-run business.

**Credit:** 1 per semester

**Duration:** 1 semester

**Grade Level:** 11, 12

**Status:** Elective credit

### FASHION MERCHANDISING 1-2 (Honors Option)

This course introduces students to the world of fashion through a study of basic fashion and marketing concepts. The course explores a history of fashion, store operations, personal selling, pricing, textiles, women’s apparel, children’s apparel, men’s apparel, accessories, cosmetics, fashion retailing, careers in fashion, and the technical aspects of display, promotion and advertising. The course is designed to give students the basic skills and knowledge which may be used to increase employability upon graduation or which will aid the college-bound student planning to major in business and marketing. Students are also eligible to be members of the marketing youth organization, DECA, and participate in the competitions, travel and activities of this association. Students have the option of enrolling concurrently in Marketing Internship 1-2.

**Credit:** 1 per semester

**Duration:** 2 semesters

**Grade Level:** 11, 12

**Status:** Elective credit

### MARKETING

**Credit:** 1 per semester

**Duration:** 2 semesters

**Grade Level:** 11, 12

**Status:** Elective credit

### MARKETING 1-2 (Honors Option)

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. Students are also eligible to be members of the marketing youth organization, DECA, and participate in the competitions, travel, and activities of this association. This course is the beginning level of a sequence in the marketing program curriculum for students who desire to continue with Marketing 3-4 in their senior year. Students have the option of enrolling concurrently in Marketing Internship 1-2.

**Credit:** 1 per semester

**Duration:** 2 semesters

**Grade Level:** 11, 12

**Status:** Elective credit
MARKETING 3-4 (Honors Option) 120481/120482

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. Students are also eligible to be members of the marketing youth organization, DECA, and participate in the competitions, travel, and activities of this association.

Credit: 1 per semester
Grade Level: 12
Prerequisite: Marketing 1-2 with a grade of "C" or better or teacher permission, concurrent enrollment in Marketing Internship 3-4

SPORTS AND ENTERTAINMENT MARKETING 1-2 (Honors Option) 120891/120892

The first-year course is segmented into two instructional areas: the foundations of marketing & the marketing functions. The coursework will focus on the entertainment (music and arts industry) and the sports industry from the marketing perspective. Students will learn computer and technology applications, economic concepts, human resources concepts and marketing and business concepts. They also will study product/service planning, selling, financing, pricing, promotion, risk management, purchasing, distribution and market-information management. All case studies and projects will relate to the entertainment and sports industry. Students will connect with the entertainment and sports executives within the Omaha Metro Area.

Students are also eligible to be members of the marketing youth organization, DECA, and participate in the competitions, travel, and activities of this association.

Credit: 1 per semester
Grade Level: 12
Prerequisite: Marketing 1-2 or Fashion Merchandising 1-2 with a grade of "C" or better or teacher permission
Requisite: Concurrent enrollment in Marketing Internship 3-4

MARKETING INTERNSHIP 1-2 188701/188702

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.

Credit: 1 per semester
Grade Level: 11, 12
Prerequisite: Concurrent enrollment in Marketing 1-2, Marketing 3-4, or Entertainment and Sports Marketing 1-2

MARKETING INTERNSHIP 3-4 188711/188712

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.

Credit: 1 per semester
Grade Level: 11, 12
Requisite: Concurrent enrollment in Marketing 1-2 or 3-4, or Entertainment and Sports Marketing 1-2

INFORMATION TECHNOLOGY

INFORMATION TECHNOLOGY FUNDAMENTALS 130821/130822

This course 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.

Credit: 1 per semester
Grade Level: 9
Status: Elective credit

WEB DESIGN 1-2 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.

Credit: 1 per semester
Grade Level: 10, 11, 12
Status: Elective credit
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 postsecondary institution.

**Prerequisite:** Grade of C or higher in Web Design 1-2

**INTRODUCTION TO DIGITAL MEDIA (Honors Option)**

Students will create, design, and produce digital media including sound, video, and graphics. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management, and web processes.

**Credit:** 1 per semester  
**Grade Level:** 9, 10, 11, 12  
**Status:** Elective credit

**DIGITAL DESIGN (Honors Option)**

Students will focus on developing advanced skills to plan, design, and create interactive projects using elements of texts, graphics, and digital imaging. These skills will prepare students for entry-level positions in the digital design field. Students will demonstrate proper use of copyright and fair use throughout the course.

**Credit:** 1 per semester  
**Grade Level:** 9, 10, 11, 12  
**Status:** Elective credit

**ADVANCED DIGITAL DESIGN (Honors Option)**

Students will focus on developing advanced skills to plan, design, and create interactive projects using elements of texts, graphics, and digital imaging. These skills will prepare students for entry-level positions in the digital design field. Students will demonstrate proper use of copyright and fair use throughout the course.

**Credit:** 1 per semester  
**Grade Level:** 10, 11, 12  
**Status:** Elective credit

**FOUNDATIONS OF COMPUTING 1-2**

This course utilizes industry specific software and tools from Hudl to engage students in computer science, video, and software support. Designed as a computer science course for students with little or no technology background, Foundations of Computing starts a unique pathway for computer science education. Students will work with industry software; build skills in digital citizenship, cybersecurity, computational-thinking, collaboration tools, and data analysis.

**Credit:** 1 per semester  
**Grade Level:** 10, 11, 12  
**Status:** Elective credit

**VISUAL BASIC 1-2 (Honors Option)**

This course will introduce students to Visual Basic and the programming methods required to develop object-oriented event-driven systems. Students will learn how to create attractive and useful applications that fully exploit the Windows graphical user interface. Students should be able to utilize appropriate Visual Basic forms, tools, and language components to code solutions for various problems.

**Credit:** 1 per semester  
**Grade Level:** 9, 10, 11, 12  
**Status:** Elective credit

**VISUAL BASIC 3-4 (Honors Option)**

Students will demonstrate advanced skills in the software development life cycle through in-depth use of a modern programming language. The content covered 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.

**Credit:** 1 per semester  
**Grade Level:** 10, 11, 12  
**Status:** Elective credit
HONORS VISUAL BASIC 5-6 130581/130582
Students will demonstrate advanced skills in the software development life cycle through in-depth use of a 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.
Credit: 1 per semester  
Duration: 2 semesters  
Grade Level: 11, 12  
Status: Elective credit  
Prerequisite: Grade of “C” or better in Visual Basic 3-4 and teacher permission

JAVA 1-2 (Honors Option) 130751/130752
This course introduces the Java programming language. It introduces students to object-oriented programming concepts and the Java syntax to implement them. Students will be able to write Java applications and applets that use GUI components.
Credit: 1 per semester  
Duration: 2 semesters  
Grade Level: 9, 10, 11, 12  
Status: Elective credit  
Prerequisite: Grade of “B” or better in Geometry 1-2 or Visual Basic 1-2

AP COMPUTER SCIENCE PRINCIPLES 1-2 131311/131312
Computer Science Principles introduces students to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, you will learn to analyze data, create technology that has a practical impact, and gain a broader understanding how computer science impacts people and society.
Credit: 1 per semester  
Duration: 2 semesters  
Grade Level: 10, 11, 12  
Status: Elective credit  
Prerequisite: Interest in computer science

AP COMPUTER SCIENCE AB 1-2 130701/130702
This course uses the Java language to study advanced computer programming concepts. The course will cover arrays, matrices, algorithms, searches and sorts, classes, inheritance and recursion. The Gridworld Case Study will be covered in preparation for the AP exam. College credit is available by passing the AP computer science test in May.
Credit: 1 per semester  
Duration: 2 semesters  
Grade Level: 11, 12  
Status: Elective credit  
Prerequisite: One year of JAVA programming
The goals of the CAD/Design Engineering Department are to provide students with a computer based, hands-on experience. Students will explore different areas related to drafting, such as: architecture, interior and exterior design, machine tool drafting, computer graphics, and engineering. CAD/Design Engineering will also aid students in the development of job related basic skills, which will allow a person to enter, maintain, and succeed in a career or post-secondary school.

**CAD/DESIGN ENGINEERING 1-2**

170211/170212

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 Metropolitan Community College.

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

**CAD/DESIGN ENGINEERING 3-4**

170221/170222

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. (Prerequisite - CAD/Design Eng. 1-2 Dual enrolled with ARCH 1200 at MCC.

Credit: 1 per semester
Grade Level: 10, 11, 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: CAD/Design Engineering 1-2 and Geometry 1-2 recommended

**CAD/DESIGN ENGINEERING 5-6**

170241/170242

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.

Credit: 1 per semester
Grade Level: 11, 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: CAD/Design Engineering 3-4

**HONORS CAD/DESIGN ENGINEERING 7-8**

170261/170262

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.

Credit: 1 per semester
Grade Level: 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: CAD/Design Engineering 5-6, Algebra 3-4, Geometry 1-2

**INTRODUCTION TO ROBOTICS 1-2**

172141/172142

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. **Participants are required to pass a safety test during the first two weeks of class.**

Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: Grade of “C” or better in Algebra 1-2

**ROBOTICS CONCEPTS 3-4**

172151/172152

Students will thoroughly examine a robotics design problem and implement the best possible solution to the proposed problem. The problem will require students to develop deeper understanding of robotics design and implementation. Examples would include transmission design, pneumatic controls and in-depth precision programming control. **Students will be required to participate in area robotics competitions.**

Credit: 1 per semester
Grade Level: 10, 11, 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: Grade of “C” or better in Introduction to Robotics 1-2
ADVANCED ROBOTICS CONCEPTS 5-6 172161/172162
Students will thoroughly examine robotics design problem, develop an original possible solution and document the stages of the design process. The problem will require students to develop deeper understanding of robotics design, implementation, and problem solving for a specified criterion. This course applies science, technology, engineering and math (STEM) concepts. Examples would include transmission design, pneumatic controls and in-depth precision programming control. Students will be required to participate in area robotics competitions.

Credit: 1 per semester
Grade Level: 11, 12
Prerequisite: Grade of “C” or better in Robotics Concepts 3-4

INDUSTRIAL TECHNOLOGY ENRICHMENT (ROBOTICS CONCEPTS 7-8) 170371/170372
Students will build on concepts from Advanced Robotics Concepts 5-6 and further examine robotics design problems and implement the best possible solution to the proposed problem. The problem will require students to develop deeper understanding of robotics design and implementation. Students will use the foundation of skills and knowledge of robotics to design and implement a project of their own. Student teams will take advantage of Open Source software and hardware to execute their project then present their results. Students will be required to participate in area robotics competitions.

Credit: 1 per semester
Grade Level: 12
Prerequisite: Grade of “C” or better in Robotics Concepts 5-6 and instructor permission
ENGLISH DEPARTMENT

Department Chair – Ms. Jodie Martinez – 402.557.3354 – jodie.martinez@ops.org

The goals of the English Department are to develop basic skills in grammar and composition and to introduce the student to the literature of western civilization, emphasizing especially the English and American traditions. Students also encounter continental, Asian, African, Hispanic, and Native American literary texts in translation.

ENGLISH 1-2 010341/010342

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 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 papers per semester in a variety of modes (narrative, persuasive, argumentative, analytical, and technical). Students study the sequence of language and composition skills assigned to this level, write five required themes each semester, and read a wide range of literary selections including the short story, poetry, Shakespeare’s Romeo and Juliet, and works such as Dr. Jekyll and Mr. Hyde and A Raisin in the Sun among others.

Credit: 1 per semester  Grade Level: 9
Duration: 2 semesters  Status: Meets requirement

HONORS ENGLISH 1-2 010351/010352

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 coursework is required above and beyond the regular English 1-2 course. Students follow an accelerated English 1-2 curriculum that involves in-depth study of grammar and usage, intense literary experiences with sophisticated texts such as Rouse’s translation of Homer’s Odyssey, The Count of Monte Cristo, and Shakespeare’s Romeo and Juliet among others. Students will write a minimum of five expository, analytical papers per semester. This is not a creative writing or journalism experience. It is the beginning of a demanding college preparatory honors program requiring extensive homework.

Credit: 1 per semester  Grade Level: 9
Duration: 2 semesters  Status: Meets requirement

Prerequisite: 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

ENGLISH 3-4 010411/010412

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 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). Students write five themes each semester. Literary selections include Idylls of the King, Macbeth, a study of Greek and Roman mythology, and additional works selected by the teacher.

Credit: 1 per semester  Grade Level: 10
Duration: 2 semesters  Status: Meets requirement

HONORS ENGLISH 3-4 010421/010422

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. Students follow the English 3-4 curriculum plus additional reading experiences, including Silas Marner, A Tale of Two Cities, and other works selected by the teacher. A special composition on narrative style is an addition to the five required themes each semester. Students also write an analytical composition based on an independent reading. Students who successfully complete this course will be prepared for AP English Language and Composition in their junior year.

Credit: 1 per semester  Grade Level: 10
Duration: 2 semesters  Status: Meets requirement

Prerequisite: Grade of “B” or higher in English 1-2 and teacher permission strongly recommended, parent/guardian permission required

* 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 5-6 010471/010472

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 (The Individual and Society, A New Birth of Freedom, An Age of Realism, The Modern World) 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). The junior offering provides a continuation of grammar and composition skills including the writing of six themes each semester. American literature from 1510 to the present is the main area of concentration. Individual selections include The Scarlet Letter, The Great Gatsby, and selected poems, plays, and short stories.
Credit: 1 per semester
Grade Level: 11
Duration: 2 semesters
Status: Meets requirement

AP ENGLISH LANGUAGE AND COMPOSITION 1-2 011911/011912

AP Language and Composition is an AP 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. Concurrent enrollment in AP World History is strongly recommended.
Credit: 1 per semester
Grade Level: 11
Duration: 2 semesters
Status: Meets requirement
Prerequisite: Grade of “B” or higher in H. English 3-4 and teacher permission strongly recommended, parent/guardian permission required

ENGLISH 7-8 010531/010532

ENGLISH 7-8 (Holocaust Literature)

ENGLISH 7-8 (Holocaust Literature) covers the skills and standards described in the Nebraska State Standards for Language Arts. The guiding questions of this course influence the student's discovery and understanding of the Holocaust's themes. World literature focused on the Holocaust is the main emphasis. Students produce six required writing pieces. Selections include Beowulf, Hamlet, selected poems, plays, short stories, and novels. The composition requirement is six themes each semester.
Credit: 1 per semester
Grade Level: 12
Duration: 2 semesters
Status: Meets requirement

ENGLISH 7-8 (Global Issues/Social Justice)

ENGLISH 7-8 (Global Issues/Social Justice) covers the skills and standards described in the Nebraska State Standards for Language Arts. The directives and guiding questions of this course influence the student's discovery and understanding of social justice themes. The emphasis of the class is on current issues in the world and social justice for all groups of people using modern narratives, Young Adult Literature, informational texts, and various forms of media. The goals of this class are to represent the voices of those who have been silenced and represent diverse groups and perspectives.
Credit: 1 per semester
Grade Level: 12
Duration: 2 semesters
Status: Meets requirement

* 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.
AP English Literature and Composition is an AP 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. Students begin this course in the summer following their junior year by completing reading assignments. It exposes students to a wide range of literary offerings from ancient Greece to contemporary world literature in translation. In addition to the six in-class literary based themes, students write several informal essays, and two research-based papers using MLA formatting. Students may earn college credit by taking the corresponding AP exam in the spring; the amount of college credit is determined by individual post-secondary institutions. Dual enrollment options may be available.

Credit: 1 per semester
Grade Level: 12
Prerequisite: Grade of “B” or higher in AP English Language and teacher permission strongly recommended, parent/guardian permission required

CREATIVE WRITING (Honors Option) 020351
Creative Writing is a workshop-style elective course providing students with opportunities to write and share verse, fiction, discursive prose, and drama. Students in all grade levels are challenged to enhance their communication skills, extend their appreciation of language, express themselves creatively, and collaborate with other writers. This is a one-semester course and may be taken in successive semesters and years. Students who choose to take the course for Honors credit form the editorial staff for Dimension (published annually) and Duct Tape (published quarterly), Central’s literary publications.

Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Duration: 1 semester
Status: Elective credit
Prerequisite: Grade of “C” or better in previous high school English classes or “B” in eighth grade English classes.

JOURNALISM 1-2 (Honors Option) 020411/020412
Journalism 1-2 introduces students to the field of journalism including newspaper, photography, and yearbook. Students 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.

Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: “B” or above in English classes or “B” in eighth grade English classes.

PHOTOJOURNALISM (Honors Option) 020841
Photojournalism students learn and apply advanced photography and software techniques to produce high quality photographs for the yearbook, newspaper, and/or newspaper website.

Credit: 1 per semester
Grade Level: 9, 10, 11
Duration: 1 semester
Status: Elective credit
Prerequisite: Strong interest in pursuing advanced study in Journalism, Newspaper, and/or Yearbook and teacher approval

NEWSPAPER PRODUCTION (Honors Option) 020481/020482
Newspaper Production 1-2 students are responsible for the production of the print and/or online school newspaper, The Register. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are emphasized. This advanced journalism course requires students to fill staff positions, write and edit stories, complete layouts on the computer, take photographs, design graphics, and sell ads for the school newspaper. This course requires teamwork and a time commitment well beyond class time.

Credit: 1 per semester
Grade Level: 10, 11, 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: “B” in Journalism 1 and teacher approval

YEARBOOK (Honors Option) 020441/020442
Honors Advanced Yearbook 1-2 students are responsible for the production of the school yearbook, THE O-BOOK. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are studied.

Credit: 1 per semester
Grade Level: 10, 11, 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: “C” in Journalism 1 and teacher approval

* 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.
SPEECH 1-2 020511/020512
Speech 1-2 focuses on acquainting students with the communication process and on developing and improving students’ public speaking skills and their oral interpretation skills. Instruction focuses on the teaching of the fundamentals of speech and requires students to perform various speaking activities. Students are expected to participate in competitions outside of school which include speaking in front of groups of people.
Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Duration: 2 semesters
Status: Elective Credit

POETRY STUDY (Poetry Slam) 010011/010012
Poetry Study students will gain a deeper understanding of poetry from the classics to contemporary examples of various forms. Students are expected to participate in competitions/performances outside of school which include speaking in front of groups of people.
Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Duration: 2 semesters
Status: Elective Credit

ENGLISH REVIEW 011171
This one-semester course allows a student to make up one credit of English 1-8. Remediation of skills is the basis of design for this course. Students review and practice reading and writing skills including grammar, vocabulary development, composition, and study skills. Assignments will be tailored to meet the particular needs of students. Students will encounter high-interest texts and may be required to complete practical writing assignments as one or two of the five required formal compositions. Though successful completion of the course makes up one required credit of English toward graduation requirements, this credit does not fulfill minimum university English requirements for admission or NCAA participation.
Credit: 1 per quarter (credit recovery only)
Grade Level: 11, 12
Duration: 1 quarter
Status: Meets requirement
* The above courses are available only to students who qualify for EL services and support. EL students are not limited to these courses. These courses act as an educational guideline for EL students. Each student’s graduation plan depends upon the student’s academic successes.
* EL summer school options are available.
ENGLISH LEARNERS DEPARTMENT

Department Chair – Mrs. Megan Kaminski-Doloto – 402.557.3381 – megan.kaminski-doloto@ops.org

The EL department works to empower English Learners (ELs) to be successful both inside and outside of the classroom. The sequence of courses prepares all EL students for their mainstream courses to reach graduation status. EL courses emphasize academic/social vocabulary, phonemic awareness, language comprehension, writing skills, study strategies, and technology literacy through content focused areas. Additional academic support is offered to each student through tutorials available during the school day.

ESL 1-2 155191/155192
This course is designed for the beginning EL 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.
Credit: 1 per semester Grade Level: 9, 10, 11, 12 Duration: 2 semesters Status: Elective credit
Prerequisite: EL students, placement determined by EL program

ESL READING 1-2 155341/155342
Basic reading skills for each level of study are introduced and practiced. These include: basic comprehension, vocabulary expansion, identification of main ideas, supporting details, sequencing, and using prediction as a reading tool. This course may be repeated.
Credit: 1 per semester Grade Level: 9, 10, 11, 12 Duration: 2 semesters Status: Elective credit
Prerequisite: EL students, placement determined by EL program

ESL MATH PREP 1-2 155301/155302
This course is designed to teach the math vocabulary in English as well as to introduce the four basic operations and their applications. It is specifically for students without an extensive academic background. It precedes Basic Math or General Math. This course does not meet the math requirements for graduation.
Credit: 1 per semester Grade Level: 9, 10, 11, 12 Duration: 2 semesters Status: Elective credit
Prerequisite: EL students, placement determined by EL program

ESL SOCIAL STUDIES FOUNDATIONS 1-2 159411/159412
This course teaches social studies, geography, and history vocabulary in English as it covers American History from Pre-Columbus to the Civil Rights Era. It also covers basic study skills as well as map skills. It precedes U.S. History 1-2 and Human Geography. This course does not meet the social studies requirement for graduation.
Credit: 1 per semester Grade Level: 9, 10, 11, 12 Duration: 2 semesters Status: Elective credit
Prerequisite: EL students, placement determined by EL program

ESL SCIENCE FOUNDATIONS 1-2 159511/159512
This course is designed to teach science vocabulary in English as well as basic scientific content in preparation for mainstream Science courses. This course does not meet the science requirements for graduation.
Credit: 1 per semester Grade Level: 9, 10, 11, 12 Duration: 2 semesters Status: Elective credit
Prerequisite: EL students, placement determined by EL program

ESL 3-4 155351/155352
This course is designed for the intermediate EL 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.
Credit: 1 per semester Grade Level: 9, 10, 11, 12 Duration: 2 semesters Status: Elective credit
Prerequisite: EL students, placement determined by EL program
ESL READING 3-4 155171/155172
Basic reading skills for each level of study are introduced and practiced. These include: basic comprehension, vocabulary expansion, identification of main ideas, supporting details, sequencing, and using prediction as a reading tool. This course may be repeated.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 9, 10, 11, 12  Status: Elective credit
Prerequisite: EL students, placement determined by EL program

ESL SOCIAL STUDIES FOUNDATIONS 3 159431
This course teaches social studies and human geography vocabulary in English as related to Human Geography. It also covers basic map skills, investigation of world cultures, and the importance of people’s relationships to geography. This course precedes Human Geography. This course does not meet the social studies requirement for graduation.
Credit: 1 per semester  Duration: 1 semester
Grade Level: 9, 10, 11, 12  Status: Elective credit
Prerequisite: EL students, placement determined by EL program

ESL SCIENCE FOUNDATIONS 3-4 063141/063142
Science Foundation is an inquiry-based course designed to expose students to natural, environmental, and life sciences. Topics include weather and water cycles, plant studies, environmental changes, and human body systems. This course provides a foundation for other science courses and meets science requirements for graduation.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 9, 10, 11, 12  Status: Elective credit
Prerequisite: EL students, placement determined by EL program

ENGLISH 1-2 ELL 010371/010372
This course offers the English 1-2 curriculum with enhanced vocabulary focus and cultural orientation for EL students.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 9, 10, 11, 12  Status: Meets requirement
Prerequisite: EL students, placement determined by EL program

ESL READING 5-6 155251/155252
Basic reading skills for each level of study are introduced and practiced. These include: basic comprehension, vocabulary expansion, identification of main ideas, supporting details, sequencing, and using prediction as a reading tool. This course may be repeated.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 9, 10, 11, 12  Status: Elective credit
Prerequisite: EL students, placement determined by EL program

US HISTORY 1-2 ELL 031331/031332
This course has a special focus on language development, but content and standards are the US 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, culture and the elements of citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources and technology. This course meets the district requirement for US History.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 9, 10, 11, 12  Status: Meets requirement
Prerequisite: EL students concurrently enrolled in ESL 3-4 or ESL 5-6

PHYSICAL SCIENCE 1-2 ELL 060901/060902
This course has a special focus on language development, but content and standards are the Physical Science 1-2 standards. This course engages students in inquiry-based problem solving as they investigate Physical Science issues that are relevant to their daily lives. Topics of study include: matter, energy, forces and motion, Earth in space, Earth structures and processes. This course meets the district requirement for physical science.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 9, 10, 11, 12  Status: Meets requirement
Prerequisite: EL students concurrently enrolled in EL English 1-2

ESL TUTORIAL 155001/155002
This is a resource offered to every EL student in place of a mainstream study hall. Resources, study skills, as well as one-on-one assistance is available to support students in their mainstream classes.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 9, 10, 11, 12  Status: No credit
Prerequisite: EL students, placement determined by EL program
Human Sciences and Education courses empower individuals and families across the life-span to manage the challenges of living and working in a diverse, global society. The work and family relationship is a unique focus of the discipline. The study of Human Sciences and Education helps the student develop an understanding of how individuals interact with others and with their surroundings; how individuals cope with change; and how individuals learn to manage their lives in a meaningful way.

**Cocurricular Associations:**

Educators Rising – Educators Rising is a co-curricular organization that helps make sure teachers have the experience and skills they need to be ready for the classroom. Starting with high school students, we provide passionate young people with hands-on teaching experience, sustain their interest in the profession, and help them cultivate the skills they need to be successful educators. The result is a pipeline of accomplished teachers who are positioned to make a lasting difference not only in the lives of their students, but also in the field of teaching more broadly. Membership is open to students enrolled in Honors Introduction to Education and Honors Introduction to Education Field Experience.

**HONORS INTRODUCTION TO EDUCATION 1-2**  
141031/141032
This course will expose students to the education profession through an introduction to preservice 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. A field experience is encouraged.

**Credit:** 1 per semester  
**Duration:** 2 semesters

**Grade Level:** 11, 12  
**Status:** Elective credit

**HONORS EDUCATION AND TRAINING INTERNSHIP (FIELD EXPERIENCE)**  
187601/187602
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.

**Students must provide their own transportation to their internship experience (teacher will work to help organize).**

**Credit:** 1 per semester  
**Duration:** Double class period for 2 semesters

**Grade Level:** 11, 12  
**Status:** Elective credit

**Prerequisite:** Honors Introduction to Education 1-2, Approval by teacher-coordinator

**CLOTHING AND TEXTILES 1-2**  
140661/140662
This course provides hands-on instruction in sewing construction, selection and purchasing of ready to wear, fabric and textiles, clothing care and maintenance, and related careers.

**Credit:** 1 per semester  
**Duration:** 2 semesters

**Grade Level:** 9, 10, 11, 12  
**Status:** Elective credit

**CLOTHING AND TEXTILES 3-4**  
140671/140672
This course provides hands-on skills in sewing construction techniques, fashion trends, consumer skills, fiber and fabric characteristics, alterations, design principles, and wardrobe planning.

**Credit:** 1 per semester  
**Duration:** 2 semesters

**Grade Level:** 10, 11, 12  
**Status:** Elective credit

**Prerequisite:** Clothing and Textiles 1-2 with a grade of “C” or better strongly recommended

**DESIGN WORKSHOP**  
140201/140202
This course is designed for students interested in pursuing advanced study in the fashion and textile industry. It provides students with hands on opportunities in garment design and construction. Students will develop a portfolio including fashion sketches, fabric and photo of completed designed garments. Designing, pattern making, draping and clothing construction are included in this class.

**Credit:** 1 per semester  
**Duration:** 2 semesters

**Grade Level:** 11, 12  
**Status:** Elective credit

**Prerequisite:** Clothing and Textiles 3-4 with a grade of “C” or better and teacher recommendation

**CREATIVE TEXTILES**  
140181
This course studies the use of textiles to create design; included in this project-oriented class are: surface applications, dyeing textiles, multicultural influences, and quilting.

**Credit:** 1 per semester  
**Duration:** 1 semester

**Grade Level:** 9, 10, 11, 12  
**Status:** Elective credit

**Prerequisite:** None  
**Duration:** 1 semester
COMPUTER DESIGN FASHION 1-2 140221/140222
This course focuses on the creative and technical skills needed in the fashion industry. Hands-on projects will help to teach the elements and principles of design, textiles, influences throughout history and garment design.
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12  
Duration: 2 semesters  
Status: Elective credit

COMPUTER DESIGN FASHION 3-4 140231/140232
This course expands the concepts learned in Fashion 1-2. Topics will include: surface design rendering, computer design, fashion illustration, costing and career dressing. These concepts will be included in a portfolio and/or presentation boards.
Credit: 1 per semester  
Grade Level: 10, 11, 12  
Duration: 2 semesters  
Status: Elective credit
Prerequisite: Successfully completed Computer Design Fashion 1-2

COMPUTER HOUSING/INTERIOR DESIGN 140811/140812
This course explores housing selection and interior design through hands-on projects. Students will design interior renderings, floor plans, furniture arrangements, window treatments, and storage considering the elements and principles of design.
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12  
Duration: 2 semesters  
Status: Elective credit

INTRODUCTION TO CHILD DEVELOPMENT 1-2 140721/140722
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.
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12  
Duration: 2 semesters  
Status: Elective credit

HONORS EARLY CHILDHOOD DEVELOPMENT 1-2 140731/140732
This honors course will provide students with knowledge and skills necessary for working with and teaching young children. Students will design various interactive learning experiences to help children learn and grow. This course is aligned with a dual credit opportunity and is a required course for the Early Childhood Career Pathway. Field experience may be required and students must pass a criminal background check in order to work with the children at the facilities. This is a college course with an optional dual enrollment opportunity with Metropolitan Community College (EDED 1150). Dual enrollment costs are the responsibility of the students. Financial aid may be available for students who meet requirements for the ACE scholarship.
Credit: 1 per semester  
Grade Level: 10, 11, 12  
Duration: 2 semesters  
Status: Elective credit

HONORS EARLY CHILDHOOD DEVELOPMENT 3-4 140741/140742
This honors course focuses on typical development of children from birth to 5 years of age. It examines planning curriculum in the domains of physical growth and motor skills, cognition, language, and social and emotional development. This course is aligned with a dual credit opportunity and is a required course for the Early Childhood Career Pathway. Field experience maybe required and students must pass a criminal background check in order to work with the children at the facilities. This course also provides students with a dual enrollment opportunity with Metropolitan Community College (EDED 1110/1120). Dual enrollment costs are the responsibility of the students. Financial aid may be available for students who meet requires for the ACE scholarship.
Credit: 1 per semester  
Grade Level: 11, 12  
Duration: 2 semesters  
Status: Elective credit
Prerequisite: Honors Early Childhood Development 1-2 with a grade of "C" or better is strongly recommended

FAMILY LIVING 1-2 140791/140792
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.
Credit: 1 per semester  
Grade Level: 10, 11, 12  
Duration: 2 semesters  
Status: Elective credit

FOODS AND NUTRITION 1-2 140621/140622
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.
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12  
Duration: 2 semesters  
Status: Elective credit
CULINARY SKILLS 1-2 140631/140632

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. Successful completion of Culinary Skills 1-2 may enable students to continue on to third and fourth year opportunities in the Culinary Program at the Career Center.

- **Credit:** 1 per semester  
- **Duration:** 2 semesters  
- **Grade Level:** 10, 11, 12  
- **Status:** Elective credit  
- **Prerequisite:** Foods 1-2 with a grade of “C” or higher, or permission by department chair

### TEEN PARENTING 1-2 140771/140772  
### TEEN PARENTING 3-4 140781/140782  
### TEEN PARENTING 5-6 140801/140802  
### TEEN PARENTING 7-8 140571/140572

This course helps pregnant or parenting students work toward better parenting skills. Students analyze the roles and responsibilities of parents, families, and other caregivers in the development of healthy infants and children. Emphasis for these teen parents is placed on taking responsibility for personal choices, school success and future employment.

- **Credit:** 1 per semester  
- **Duration:** 2 semesters  
- **Grade Level:** 9, 10, 11, 12  
- **Status:** Elective credit  
- **Prerequisite:** Students must be pregnant or an active parent of any gender

### FOUNDATIONS OF HEALTH CARE (HEALTH SCIENCE) 1-2 074061/074062

Foundations of Health Care is designed to give an overview of the therapeutic, diagnostic, support services, biotechnology & research and health informatics pathways. The course focuses on health careers, leadership development, and medical terminology, ethical and legal responsibilities. Topics also include anatomy and physiology, diseases and disorders, positive and negative health and wellness behaviors and first aid.

- **Credit:** 1 per semester  
- **Duration:** 2 semesters  
- **Grade Level:** 10, 11, 12  
- **Status:** Elective credit  
- **Prerequisite:** Biology 1-2

### SPORTS NUTRITION 140141

This course focuses: training diets, planning pre-competition meals, ideal weight ranges and body composition, carbohydrate loading, special nutritional needs of athletes, supplements and drugs, nutrition related health problems in sports, body fluid balance and the importance of water, eating disorders, how to gain/lose weight, ergogenic acids and the relationships between calorie needs and physical education.

- **Credit:** 1 per semester  
- **Duration:** 1 semester  
- **Grade Level:** 10, 11, 12  
- **Status:** Elective credit
Omaha Central High School is authorized as an International Baccalaureate® (IB) Middle Years Programme (MYP) and as an International Baccalaureate® (IB) Diploma Programme (DP) school. IB World Schools, including Central High School, share a common philosophy – a commitment to a high quality, challenging, international education.

MIDDLE YEARS PROGRAMME – Coordinator – Mr. Paul Nielson – 402-557-3335 – paul.nielson@ops.org

IB’s Middle Years Program (MYP) is a four-year programme, which includes a partnership between Lewis and Clark Middle School and Central High School. The MYP starts in 7th grade (MYP Year 2) at Lewis and Clark and ends at the conclusion of 10th grade (MYP Year 5) at Central High School.

The MYP provides a challenging framework that encourages students to make practical connections between their studies and the real world. The MYP curriculum framework comprises eight subject groups, providing a broad and balanced education for early adolescents (Arts, Design, Individuals and Societies, Language Acquisition, Language and Literature, Mathematics, Physical and Health Education, and Sciences).

During the 10th grade year (MYP Year 5), a student will experience the responsibility of completing a significant piece of work over an extended period of time called the Personal Project. The MYP Personal Project is student-centered and age-appropriate, and enables students to engage in practical explorations through a cycle of inquiry, action and reflection. The MYP Personal Project encourages students to reflect on their learning and the outcomes of their work – key skills that prepare them for success in further study, the workplace and the community. The MYP Personal Project will be completed during 10th grade and submitted in the spring of the 10th grade year.

DIPLOMA PROGRAMME – Coordinator – Mrs. Cathy Andrus – 402-557-3320 – cathy.andrus@ops.org

The IB Diploma Program (DP) is designed as an academically rigorous and balanced program of education with final examinations that prepare students for success at both the university and life beyond. The program has gained recognition and respect from the world’s leading universities.

Since the late 1960’s, the program has:
- Provided an education that balances subject breadth and depth, and considers the nature of knowledge across disciplines through the unique theory of knowledge course.
- Encouraged international mindedness in IB students, starting with a foundation in their own language and culture.
- Developed positive attitudes toward learning that prepare students for a university education.
- Gained a reputation for its rigorous external assessment with published global standards, making this a qualification welcomed by universities worldwide.
- Emphasized the development of the whole student - physically, intellectually, emotionally and ethically.

To receive the IB Diploma from the International Baccalaureate Organization, a student must:
- Enroll and pass exams in at least one course from each of the six core subject areas:
  - Group 1 Language A (English)
  - Group 2 Language B (World Language)
  - Group 3 Social Science
  - Group 4 Science
  - Group 5 Mathematics
  - Group 6 The Arts OR other Elective
- Complete the Theory of Knowledge (TOK) course and the requirements for this course
- Complete the Extended Essay (EE)
- Complete the Creativity, Activity, Service (CAS) component

The best preparation for success in the IB Diploma Programme is to take Honors classes as freshmen and sophomores. Students and families will meet individually with the IB DP Coordinator to complete a tentative four-year plan. Students who develop an interest in the IB DP during 9th or 10th grade should see Mrs. Andrus in room 236 for information. The Intent to Participate form for the IB Diploma Programme can be found on the Central High School website.
IB ENGLISH HL 1-2  
This course is the first part of a two-year program of English studies. The course is designed to foster an appreciation for the literature and culture of the student's society and other international societies. Through the study of the varied works presented the student should gain an international perspective on literature and the thought processes of other cultures. Literature is considered to be the watchtower of culture and society and it is through this lens that students will pursue readings that should let them see the world through the eyes of craftsmen honed work. Students will be taught to express their observations and analyzations orally and in writing. These skills will be developed by exploring the different means used by authors and reinforced by the study of varied works and commentaries. There is an overriding theme that will connect all of the pieces studied. There will be six major works presented in this course which will be divided into two parts of the overall four that are part of Language A of the Diploma Programme.

Credit: 1 per semester  
Grade Level: 11  
Status: Meets requirement  
Prerequisite: Honors English 3-4* and must be pursuing an IB Diploma

IB SPANISH SL 1-2  
This course gives students the possibility of reaching a high degree of competence in an additional language while exploring the culture(s) where the language is spoken. The course aims to develop the students' linguistic competence and intercultural understanding. Students will actively engage in more extensive conversations, read authentic materials and write comprehensive essays using a wider range of vocabulary and grammatical structures. Students would be expected to communicate orally and in writing in a variety of common situations and with a certain degree of fluency.

Credit: 1 per semester  
Grade Level: 11  
Status: Elective credit  
Prerequisite: Honors French 5-6, Honors Spanish 5-6 or Honors German 3-4 and must be pursuing an IB Diploma

IB SPANISH HL 1-2  
This course gives students the possibility of reaching a high degree of competence in an additional language while exploring the culture(s) where the language is spoken. The course aims to develop the students' linguistic competence and intercultural understanding. Students will actively engage in more extensive conversations, read authentic materials and write comprehensive essays using a wider range of vocabulary and grammatical structures. Students would be expected to communicate orally and in writing in a wide variety of situations with clarity and fluency. Students will also be expected to read and comprehend works of literature.

Credit: 1 per semester  
Grade Level: 11  
Status: Elective credit  
Prerequisite: Honors Spanish for Spanish Speakers 5-6 and must be pursuing an IB Diploma
IB SPANISH HL 3-4
This course is the second year of the sequence and gives students the possibility of reaching a high degree of competence in an additional language while exploring the culture(s) where the language is spoken. The course aims to develop the students' linguistic competence and intercultural understanding. Students will actively engage in more extensive conversations, read authentic materials and write comprehensive essays using a wider range of vocabulary and grammatical structures. Students would be expected to communicate orally and in writing in a wide variety of situations with clarity and fluency. Students will also be expected to read and comprehend works of literature.
Credit: 1 per semester
Grade Level: 12
Prerequisite: IB Spanish HL 1-2

IB SPANISH AB INITIO SL 1-2
The language ab initio course is organized into three themes: individual and society, leisure and work, and urban and rural environment. Each theme has a list of topics that provide the students with opportunities to practice and explore the language as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a defined range of everyday situations.
Credit: 1 per semester
Grade Level: 11
Prerequisite: Must be pursuing an IB Diploma, no previous Spanish Language experience and consultation with the IB Diploma Programme Coordinator

IB SPANISH AB INITIO SL 3-4
The continuation of IB Spanish ab initio SL 1-2, this course continues to explore the three themes: individual and society, leisure and work, and urban and rural environment. Each theme has a list of topics that provide the students with opportunities to practice and explore the language as well as to develop intercultural understanding. Through the development of receptive, productive and interactive skills, students should be able to respond and interact appropriately in a defined range of everyday situations.
Credit: 1 per semester
Grade Level: 12
Prerequisite: Must be pursuing an IB Diploma, no previous Spanish Language experience and consultation with the IB Diploma Programme Coordinator

IB HISTORY HL 1-2
The IB History HL course covers 20th Century world history and is the first of a two-year sequence. It is designed to develop students' skills in processing information, discussion and writing, and analysis of historical documents and interpretations. Three interrelated topics will be studied deeply and through an internationally-minded lens during the course: Nationalism and Independence Movements (emphasis on India and Pakistan, Algeria, and Vietnam), The Cold War, and Communism in Crisis (c. 1976-1991). Students are expected to complete all reading, writing, and research assignments with care and habits of thinking pertinent to the historian's craft.
Credit: 1 per semester
Grade Level: 11
Prerequisite: Honors Intro to Economics and H Geography or AP Human Geography* and must be pursuing an IB Diploma

IB HISTORY HL 3-4
The IB History HL 3-4 is the second of a two-year sequence. It is designed to develop students' skills in processing information, discussion and writing, and analysis of historical documents and interpretations. Three interrelated topics will be studied deeply and through an internationally-minded lens during the course: The United States Civil War, The Second World War and the Americas, and The Cold War. Students are expected to complete all reading, writing, and research assignments with care and habits of thinking pertinent to the historian's craft.
Credit: 1 per semester
Grade Level: 12
Prerequisite: IB History HL 1-2

IB INFORMATION TECHNOLOGY IN A GLOBAL SOCIETY (ITGS) SL 1-2
The Information Technology in a Global Society Standard Level course is the study and evaluation of the impacts of information technology (IT) on individuals and society. Students explore the advantages and disadvantages of the access and use of digitized information at the local and global level. ITGS provides a framework for students to make informed judgments and decisions about the use of information technology within social contexts. Students investigate how people are affected by systems already in use and those planned for the future. ITGS consists of three compulsory interconnected strands that reflect the integrated nature of the course. Strand 1 is social and ethical significance, strand 2 is application to specified scenarios and strand 3 is IT systems.
Credit: 1 per semester
Grade Level: 11
Prerequisite: Must be pursuing an IB Diploma
IB INFORMATION TECHNOLOGY IN A GLOBAL SOCIETY (ITGS) HL 1-2  
This is the first of a 2-year sequence of study. It includes the study and evaluation of the impacts of information technology (IT) on individuals and society. Students explore the advantages and disadvantages of the access and use of digitized information at the local and global level. ITGS provides a framework for students to make informed judgments and decisions about the use of information technology within social contexts. Students investigate how people are affected by systems already in use and those planned for the future. ITGS consists of three compulsory interconnected strands that reflect the integrated nature of the course. Strand 1 is social and ethical significance, strand 2 is application to specified scenarios and strand 3 is IT systems.

Credit: 1 per semester  Duration: 2 semesters  
Grade Level: 11  Status: Elective credit  
Prerequisite: Must be pursuing an IB Diploma

IB INFORMATION TECHNOLOGY IN A GLOBAL SOCIETY (ITGS) HL 3-4  
This is the 2nd of a 2-year sequence of study. At the HL level, students consider the social and ethical considerations linked to the two HL extension topics and the annual case study issued by IB. The extension topics are IT systems in organizations and robotics, artificial intelligence and expert systems. Scenarios based on real-life situations must be used when addressing specified IT developments in HL topics and information systems specific to the case study.

Credit: 1 per semester  Duration: 2 semesters  
Grade Level: 11  Status: Elective credit  
Prerequisite: Must be pursuing an IB Diploma

IB PSYCHOLOGY SL 1-2  
IB Psychology Standard Level is a one-year course that explores the subject of psychology through the lenses of the biological, cognitive and socio-culture levels of analysis. The topic of abnormal psychology will be explored as well. Replication of a simple psychological experiment and understanding research methods used in psychology will be studied as well.

Credit: 1 per semester  Duration: 2 semesters  
Grade Level: 11  Status: Elective credit  
Prerequisite: Must be pursuing an IB Diploma

IB PSYCHOLOGY HL 1-2  
IB Psychology Higher Level 1-2 is the first year of a two-year sequence including IB Psychology Higher Level 3-4. It explores the subject of psychology through the lenses of the biological, cognitive and socio-culture levels of analysis. The topic of abnormal psychology will be explored as well. Replication of a simple psychological experiment and understanding research methods used in psychology will be studied as well.

Credit: 1 per semester  Duration: 2 semesters  
Grade Level: 11  Status: Elective credit  
Prerequisite: Must be pursuing an IB Diploma

IB PSYCHOLOGY HL 3-4  
IB Psychology Higher Level 3-4 is an extension of the IB Psychology Higher Level 1-2 course and continues to explore the subject of psychology through the lenses of the biological, cognitive and socio-culture levels of analysis. The topic of abnormal psychology will be reviewed as well. Replication of a simple psychological experiment and understanding research methods used in psychology will be studied. Health psychology will also be addressed in this course in addition to the other topics.

Credit: 1 per semester  Duration: 2 semesters  
Grade Level: 12  Status: Elective credit  
Prerequisite: IB Psychology HL 1-2

IB BIOLOGY SL 1-2  
The IB Biology course is designed to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Biological concepts covered include: the process of evolution that drives the diversity of living things and provides a unifying thread; how biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis; the processes where by living systems store, retrieve, transmit and respond to information essential to life; and the interaction of biological systems to produce complex properties.

Credit: 1 per semester  Duration: 2 semesters  
Grade Level: 11  Status: Meets requirement for third year of science  
Prerequisite: Honors Biology, Honors Chemistry and Honors Physics* and must be pursuing an IB Diploma
IB BIOLOGY HL 1-2 060771/060772

The IB Biology course is designed to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Biological concepts covered include: the process of evolution that drives the diversity of living things and provides a unifying thread; how biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis; the processes where by living systems store, retrieve, transmit and respond to information essential to life; and the interaction of biological systems to produce complex properties.

Credit: 1 per semester
Grade Level: 11
Status: Meets requirement for third year of science
Prerequisite: Honors Biology, Honors Chemistry and Honors Physics* and must be pursuing an IB Diploma

IB BIOLOGY HL 3-4 060711/060712

IB Biology HL 3-4 is the second year HL extension and is designed to review previously studied topics by examining biological concepts in depth. These new concepts include: nucleic acids and proteins, cell respiration and photosynthesis, genetics, plant structure and physiology, human health and physiology, evolution, and ecology and conservation. Methodology will follow that of the SL and HL Biology 1-2 courses described previously.

Credit: 1 per semester
Grade Level: 12
Status: Meets requirement for third year of science
Prerequisite: IB Biology HL 1-2

IB CHEMISTRY SL 1-2 060751/060752

IB Chemistry SL 1-2 is an exploration of the fundamental principles of chemistry. The students will be expected to learn general laboratory skills and use electronic data collection and analysis tools. The coursework will follow the IB curriculum and philosophy and will include the following topics: Quantitative chemistry, Atomic structure, Periodicity, Bonding, Energetics, Kinetics, Equilibrium, Acids and bases, Oxidation and reduction, Organic chemistry, and Measurement and data processing, and one additional topic. Students must also complete a cross disciplinary group project and a rigorous individual lab report.

Credit: 1 per semester
Grade Level: 11
Status: Meets requirement for third year of science
Prerequisite: Honors Biology, Honors Chemistry and Honors Physics* and must be pursuing an IB Diploma

IB CHEMISTRY HL 1-2 060761/060762

IB Chemistry HL 1-2 is an exploration of the fundamental principles of chemistry. The students will be expected to learn general laboratory skills and use electronic data collection and analysis tools. The coursework will follow the IB curriculum and philosophy and will include the following topics: Quantitative chemistry, Atomic structure, Periodicity, Bonding, Energetics, Kinetics, Equilibrium, Acids and bases, Oxidation and reduction, Organic chemistry, and Measurement and data processing, and one additional topic. Students must also complete a cross disciplinary group project.

Credit: 1 per semester
Grade Level: 11
Status: Meets requirement for third year of science
Prerequisite: Honors Biology, Honors Chemistry and Honors Physics* and must be pursuing an IB Diploma

IB CHEMISTRY HL 3-4 060171/060172

IB Chemistry HL 3-4 is a continuation of the fundamental principles of chemistry developed in the IB Chemistry HL 1-2 course. The course expectations for IB Chemistry HL 3-4 will be similar to the HL 1-2 course in the selection of topics but the treatment of the material will be more in depth. The students will be expected to maintain general laboratory skills and utilize electronic data collection and analysis. The course work will follow the IB curriculum and philosophy and will include the following topics: Quantitative chemistry, Atomic structure, Periodicity, Bonding, Energetics, Kinetics, Equilibrium, Acids and bases, Oxidation and reduction, Organic chemistry, and Measurement and data processing, and one additional topic, and a rigorous individual lab report.

Credit: 1 per semester
Grade Level: 12
Status: Meets requirement for third year of science
Prerequisite: IB Chemistry HL 1-2
IB ENVIRONMENTAL SYSTEMS AND SOCIETY (ESS) SL 1-2

ESS is a complex course, requiring a diverse set of skills from its students. It is firmly grounded in both a scientific exploration of environmental systems in their structure and function and in the exploration of cultural, economic, ethical, political, and social interactions of societies with the environment. As a result of studying this course, students will become equipped with the ability to recognize and evaluate the impact of our complex system of societies on the natural world. The interdisciplinary nature of the course requires a broad skill set from students and includes the ability to perform research and investigations and to participate in philosophical discussion. The course requires a systems approach to environmental understanding and problem-solving, and promotes holistic thinking about environmental issues. It is recognized that to understand the environmental issues of the 21st century and suggest suitable management solutions, both the human and environmental aspects must be understood. Students should be encouraged to develop solutions from a personal to a community and to a global scale. Through the exploration of case studies and issues of the 21st century and suitable management solutions, both the human and environmental aspects must be understood. Students develop an understanding that the connections between environmental systems and societies are diverse, varied and dynamic. The complexity of these interactions challenges those working towards understanding the actions required for effective guardianship of the planet and sustainable and equitable use of shared resources.

Credit: 1 per semester
Grade Level: 11
Status: Elective credit
Prerequisite: Honors Biology, Honors Chemistry and Honors Physics* and must be pursuing an IB Diploma

IB PHYSICS SL 1-2

IB Physics SL 1-2 is an inquiry based exploration of the principles of physics, experimental design, and investigation within an international and historical context. The course work will follow the IB curriculum and philosophy and will include the following topics with two of the optional topics: Physics and Physical Measurement, Mechanics, Thermal Physics, Oscillations and Waves, Electric Currents, Fields and Forces, Atomic and Nuclear Physics, Energy, Power and Climate Change. Optional topics are: Sight and Wave Phenomena, Quantum Physics and Nuclear Physics, Digital Technology, Relativity and Particle physics. Students must also complete a cross disciplinary group project.

Credit: 1 per semester
Grade Level: 11
Status: Meets requirement for third year of science
Prerequisite: Honors Biology, Honors Chemistry and Honors Physics* and must be pursuing an IB Diploma

IB PHYSICS HL 1-2

IB Physics HL 1-2 is an inquiry based exploration of the principles of physics, experimental design, and investigation within an international and historical context. The course work will follow the IB curriculum and philosophy and will include the following topics with two of the optional topics: Physics and Physical Measurement, Mechanics, Thermal Physics, Oscillations and Waves, Electric Currents, Fields and Forces, Atomic and Nuclear Physics, Energy, Power and Climate Change. Optional topics are: Sight and Wave Phenomena, Quantum Physics and Nuclear Physics, Digital Technology, Relativity and Particle physics. Students must also complete a cross disciplinary group project.

Credit: 1 per semester
Grade Level: 11
Status: Meets requirement for third year of science
Prerequisite: Honors Biology, Honors Chemistry and Honors Physics* and must be pursuing an IB Diploma

IB PHYSICS HL 3-4

IB Physics HL 3-4 is an inquiry based exploration of the principles of physics, experimental design, and investigation within an international and historical context. The course work will follow the IB curriculum and philosophy and will include the following topics with two of the optional topics: Physics and Physical Measurement, Mechanics, Thermal Physics, Oscillations and Waves, Electric Currents, Fields and Forces, Atomic and Nuclear Physics, Energy, Power and Climate Change. Optional topics only for HL are: Motion in Fields, Thermal Physics, Wave Phenomena, Electromagnetic Induction, Quantum Physics and Nuclear Physics, and Digital Technology. Students must also complete a cross disciplinary group project.

Credit: 1 per semester
Grade Level: 12
Status: Meets requirement for third year of science
Prerequisite: IB Physics HL 1-2

IB MATHEMATICS: APPLICATIONS AND INTERPRETATION SL 1-2

This course is designed for student who enjoy describing the real world and solving practical problems using mathematics, those who are interested in harnessing the power of technology alongside exploring mathematical models and enjoy, the more practical side of mathematics.

Credit: 1 per semester
Grade Level 11
Status: Meets requirement
Prerequisite: Algebra 3-4 and must be pursuing an IB Diploma
IB MATHEMATICS: APPLICATIONS AND INTERPRETATION HL 1-2  
This course is designed for students who enjoy describing the real world and solving practical problems using mathematics, those who are interested in harnessing the power of technology alongside exploring mathematical models and enjoy, the more practical side of mathematics. Statistics will be included in this course. This course is intended for students whose interest in mathematics is more practical than theoretical but seek more challenging content than IB Math Applications and Interpretation SL.
Credit: 1 per semester  
Grade Level 11  
Prerequisite: Honors Algebra 3-4 and must be pursuing an IB Diploma

IB MATHEMATICS: ANALYSIS AND APPROACHES SL 1-2  
This course is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content. It is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology.
Credit: 1 per semester  
Grade Level 11  
Prerequisite: Honors Algebra 3-4 and must be pursuing an IB Diploma

IB MATHEMATICS: ANALYSIS AND APPROACHES HL 1-2  
This course is intended for students who wish to pursue studies in mathematics at university or subjects that have a large mathematical content. It is for students who enjoy developing mathematical arguments, problem solving and exploring real and abstract applications, with and without technology. This course delves deeper into the content than IB Math Analysis and Approaches SL.
Credit: 1 per semester  
Grade Level 11  
Prerequisite: Honors Pre-calc/Trig and must be pursuing an IB Diploma

IB MATH STUDIES SL 3-4  
This course is year two in the IB course Mathematical Studies SL. The course will focus on statistics, a research study/project, and an introduction to differential calculus.
Credit: 1 per semester  
Grade Level: 12  
Prerequisite: IB Math Studies SL 1-2

IB MATHEMATICS SL 3-4  
This course continues the second year of IB Mathematics SL. Continuing topics include trigonometry, vectors, and calculus.
Credit: 1 per semester  
Grade Level: 12  
Prerequisite: IB Mathematics SL 1-2

IB MATHEMATICS HL 3-4  
IB Mathematics HL 3-4 is the second year of the two-year IB Mathematics HL course designed to prepare students for the IB Mathematics HL Exam. Topics include Statistics and Probability, Calculus, and one of four HL Option Topics to be determined by the students and teacher. In addition to the course work, students will be completing the IB Internal Assessment.
Credit: 1 per semester  
Grade Level: 12  
Prerequisite: IB Mathematics HL 1-2

IB ART SL 1-2  
Serious and highly motivated students who successfully completed a second year of art are invited to enroll in this demanding and college preparatory class. Students will develop and maintain an Investigative Work Book (sketchbook) which includes an investigation of the technical use of material and subject matter, in addition to creating art work with international-mindedness and an appreciation and awareness of many cultures as part of their investigative study. Second semester will be “student directed” work with guidance of the art instructor. This class requires an additional period each day of independent work. The HL option will require two years in the class. The SL option can be taken for one or two years.
Credit: 1 per semester  
Grade Level: 11  
Prerequisite: Art 1-2 (a second year of art is strongly recommended) and must be pursuing an IB Diploma
IB ART SL 3-4

Serious and highly motivated students who successfully completed three years of art, including the first year of IB Art are invited to enroll in this demanding and college preparatory class. Students will maintain an Investigative Work Book (sketchbook), which includes an investigation of the technical use of material and subject matter, in addition to creating art work with international mindedness and an appreciation of many cultures as part of their study. Students will direct their own lessons, with the guidance of the art instructor. Students will do a display of their work and will also submit their work for external assessment in the spring. This class requires an additional period each day of independent work.

Credit: 1 per semester
Grade Level: 12
Prerequisite: IB Art SL 1-2

IB ART HL 1-2

Serious and highly motivated students who successfully completed a second year of art are invited to enroll in this demanding and college preparatory class. Students will develop and maintain an Investigative Work Book (sketchbook) which includes an investigation of the technical use of material and subject matter, in addition to creating art work with international-mindedness and an appreciation of many cultures as part of their investigative study. Second semester will be “student directed” work with guidance of the art instructor. This class requires an additional period each day of independent work. The HL option will require two years in the class. The SL option can be taken for one or two years.

Credit: 1 per semester
Grade Level: 11
Prerequisite: Art 1-2 (a second year of art is strongly recommended) and must be pursuing an IB Diploma

IB ART HL 3-4

Serious and highly motivated students who successfully completed three years of art, including the first year of IB Art are invited to enroll in this demanding and college preparatory class. Students will maintain an Investigative Work Book (sketchbook), which includes an investigation of the technical use of material and subject matter, in addition to creating art work with international mindedness and an appreciation of many cultures as part of their study. Students will direct their own lessons, with the guidance of the art instructor. Students will do a display of their work and will also submit their work for external assessment in the spring. This class requires an additional period each day of independent work.

Credit: 1 per semester
Grade Level: 12
Prerequisite: Art 1-2 (a second year of art is strongly recommended) and must be pursuing an IB Diploma

IB MUSIC SL 1-2

IB Music SL 1-2 is a course where the student will develop fluency in the language of music by listening to music describing and analyzing music and making connections between various styles and genres of music, music and history, cultures, the other arts and other disciplines. Students are required to be a member of a performing ensemble (Wind Ensemble, A Cappella Choir or Orchestra) as part of their IB Assessment.

Credit: 1 per semester
Grade Level: 11
Prerequisite: H Music Theory strongly recommended, Concurrent participation in Wind Ensemble, A Cappella Choir or Orchestra required and must be pursuing an IB Diploma

IB MUSIC HL 1-2

IB Music HL 1-2 is a course where the student will develop fluency in the language of music by performing, creating, writing, describing, listening, analyzing music and making connections between various styles and genres of music, music and history, cultures, the other arts and other disciplines.

Credit: 1 per semester
Grade Level: 11
Prerequisite: H Music Theory strongly recommended, Concurrent participation Wind Ensemble, A Cappella Choir or Orchestra required and must be pursuing an IB Diploma

IB MUSIC HL 3-4

IB Music HL 3-4 is a continuing course where the student will develop fluency in the language of music by performing, creating, writing, describing, analyzing music and making connections between various styles and genres of music, music and history, cultures, the other arts and other disciplines. Students will be required to write two compositions and perform a solo recital as part of their IB assessment.

Credit: 1 per semester
Grade Level: 12
Prerequisite: IB Music HL 1-2
IB THEORY OF KNOWLEDGE (TOK) 1-2 030021/030022

Theory of Knowledge 1-2 is a course designed to encourage each student to reflect on the nature of knowledge by critically examining different ways of knowing (perception, emotion, language, reason, intuition, imagination, memory and faith) and different areas of knowledge (studies in language and literature, language acquisition, individuals and societies, sciences, mathematics and the arts). Course assessments focus on building the knower’s perspective, knowledge issues, and presentation/organization of ideas through small class Socratic seminars, reflective journaling and presentations. The course covers content thematically and TOK 1-2 focuses on the themes of certainty, evidence, interpretation, explanation, technology, values, culture, truth, belief, and intuition. As part of TOK, the other components of the IB Core, the Extended Essay, and CAS (Creativity, Action, and Service), will be addressed. Explicit instruction and review of the Approaches to Teaching and Learning (ATL) skills: thinking skills, communication skills, social skills, self-management skills, and research skills will be included.

Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11  Status: Elective credit
Prerequisite: Must be pursuing an IB Diploma

IB THEORY OF KNOWLEDGE (TOK) 3-4 030031/030032

Theory of Knowledge 3-4 is the second year of a two-year course sequence. The second year is designed to encourage each student to begin synthesizing course concepts as they relate to the ways of knowing and areas of knowledge. The course reviews the same thematic concepts from TOK 1-2, but places stronger emphasis on truth, technology, culture, values, and experience as they relate to the areas of knowledge. The course culminates in two summative assessments: an essay on a prescribed title and a presentation.

Credit: 1 per semester  Duration: 2 semesters
Grade Level: 12  Status: Elective credit
Prerequisite: IB TOK 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.
Central High Math Sequence

****If you are in Honors Math, you are eligible to register for E-Math***

Honors Algebra 1-2 → Honors Geometry 1-2 → Honors Algebra 3-4 → Honors Pre-Calculus/Trigonometry → AP Statistics

AP Calculus AB → AP Calculus BC → Calculus 3 and Differential Equations → Honors Advanced Topics

Prealgebra+ → Algebra 1-2 → Geometry 1-2 → Algebra 3-4 → Bridge to Advanced Algebra

Consumer Math+ (12 only and permission) → Math Topics Analysis (12 only) → Pre-Calculus Trigonometry → AP Statistics

+ - Course counts for OPS math credit but does not count towards college admission
The goals of the Mathematics Department are to improve and extend arithmetical skills, to develop a facility with the kinds of problems most citizens meet, to develop a facility with mathematical skills and concepts necessary to use in jobs, technical schools, armed services, and college work; and, to provide personal enjoyment. It is the goal of the department to provide opportunities for each student to progress in mathematics as far as personal ability, maturity, interest, and time allow.

**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.  
Credit: 1 per semester  
Grade Level: 9, 10  
Status: Meets requirement

**ALGEBRA 1-2**  
040271/04072  
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.  
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12  
Status: Meets requirement

**HONORS ALGEBRA 1-2**  
040281/040282  
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.  
Credit: 1 per semester  
Grade Level: 9  
Prerequisite: 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, Orleans-Hanna Algebra Prognosis Test Score at or above 75  
Status: Meets requirement

**GEOMETRY 1-2**  
040351/040352  
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. This course is the first semester of Geometry 1-2. Students enrolling in Geometry 1-2 should have passing grades in both semesters of Algebra 1-2.  
Credit: 1 per semester  
Grade Level: 9, 10, 11, 12  
Prerequisite: Must have passed Algebra 1-2 in high school or earned a “B” or higher in Algebra 1-2 in middle school  
Status: Meets requirement

**HONORS GEOMETRY 1-2**  
040361/040362  
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.  
Credit: 1 per semester  
Grade Level: 9, 10  
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  
Status: Meets requirement

* 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.
**BRIDGE TO ADVANCED ALGEBRA**

040341/040342

This course is designed to prepare struggling students for Algebra 3-4. It is an intensive review of geometry topics including 2 and 3 dimensional measurement, Pythagorean Theorem, congruence, similarity, and coordinate geometry and an intensive review of basic algebra topics including solving and writing linear, quadratic, and systems of equations, graphing, exponent rules. Through the coursework, students will be better prepared and more mature mathematically to meet the challenge of Algebra 3-4 content.

**Credit:** 1 per semester  
**Duration:** 2 semesters  
**Grade Level:** 10, 11, 12  
**Status:** Meets requirement  
**Prerequisite:** Algebra 1-2, Geometry, and only by Math Department placement

**ALGEBRA 3-4**

040291/040292

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.

**Credit:** 1 per semester  
**Duration:** 2 semesters  
**Grade Level:** 10, 11, 12  
**Status:** Meets requirement  
**Prerequisite:** Must have passed Algebra 1-2 and have taken Geometry 1-2. **9th graders cannot enroll in Algebra 3-4.**

**HONORS ALGEBRA 3-4**

040301/040302

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.

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

**PRE-CALCULUS/TRIGONOMETRY 1-2**

040381/040382

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.

**Credit:** 1 per semester  
**Duration:** 2 semesters  
**Grade Level:** 11, 12  
**Status:** Meets requirement  
**Prerequisite:** Must have passed Algebra 3-4 and all previous math courses

**HONORS PRE-CALCULUS/TRIGONOMETRY 1-2**

040411/040412

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.

**Credit:** 1 per semester  
**Duration:** 2 semesters  
**Grade Level:** 10, 11, 12  
**Status:** Meets requirement  
**Prerequisite:** Grade “B” or higher in Honors Algebra 3-4 OR teacher recommendation and parent/guardian/student signature indicating a full year commitment. Note, 9th graders in Honors Pre-Calc/Trig 1-2 as 9th graders have been on a unique accelerated path since 6th grade or earlier.

**AP STATISTICS 1-2**

040841/040842

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.

**Credit:** 1 per semester  
**Duration:** 2 semesters  
**Grade Level:** 11, 12  
**Status:** Meets requirement  
**Prerequisite:** Pre-Calc/Trig 1-2 and teacher recommendation, or Honors Algebra 3-4 and teacher recommendation if taken concurrently with Honors Pre-Calc/Trig

* 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.
MATH ANALYSIS 041231/041232
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.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 12  Status: Meets requirement
Prerequisite: Algebra 3-4 (passed, at the below basic level) and placement by Math Department

AP CALCULUS AB 1-2 040451/040452
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. College Dual Enrollment may be available with this course.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11, 12  Status: Meets requirement
Prerequisite: Grade of “B” or higher in Honors Pre-Calc/Trig 1-2, and teacher recommendation and parent/guardian/student signature indicating a full year commitment

AP CALCULUS BC 1-2 040461/040462
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. College Dual Enrollment may be available with this course.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11, 12  Status: Meets requirement
Prerequisite: Grade of “B” or higher in Honors Pre-Calc/Trig 1-2, and teacher recommendation and parent/guardian/student signature indicating a full year commitment

HONORS CALCULUS 3 040471
Topics are from multi variable calculus and include partial derivatives, multiple integrals and calculus of vector functions. Students enrolling in this course should have successfully completed AP Calculus BC. College Dual Enrollment may be available with this course.
Credit: 1 per semester  Duration: 1 semester
Grade Level: 12  Status: Meets requirement
Prerequisite: Grade of “C” or higher in AP Calculus BC, must be paired with Honors Differential Equations

HONORS DIFFERENTIAL EQUATIONS 040541
Topics include first order, linear, or homogeneous differential equations and systems; the Laplace transform; boundary value problems; series and numerical solutions; and nonlinear systems. Students enrolling in this course should have successfully completed AP Calculus BC. College Dual Enrollment may be available with this course.
Credit: 1 per semester  Duration: 1 semester
Grade Level: 12  Status: Meets requirement
Prerequisite: Grade of “C” or higher in AP Calculus BC, must be paired with Honors Calculus 3

HONORS ENRICHMENT MATH 1-2 040701/040702
This course offers the talented and motivated mathematics student who desires to broaden his/her mathematical horizons exposure to the following: reinforcement and extension of algebra, reinforcement and extension of geometry, number theory, symbolic logic, three dimension geometry, analytic geometry and general problem solving.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 9, 10, 11, 12  Status: Elective credit
Prerequisite: Concurrent enrollment in honors math course

* 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.
HONORS ADVANCED TOPICS

This course includes semester long topics beyond Calculus that include, but are not limited to, Linear Algebra, Set Theory, and Partial Differential Equations.

Credit: 1 per semester  
Grade Level: 11, 12  
Prerequisite: AP Calculus BC and teacher recommendation

Duration: 2 semesters  
Status: Meets requirement

CONSUMER MATH

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.

Credit: 1 per semester  
Grade Level: 12  
Prerequisite: 3 years of math, graduating seniors only and should not to be taken concurrently with any other math course, Counselor/math department recommendation only

Duration: 2 semesters  
Status: Meets requirement

* 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.
The Military Science Department offers the Junior Reserve Officer Training Corps (J ROTC) Program. It is a series of management and leadership building courses designed to help the student develop those desirable traits and characteristics found in good leaders. It stresses responsibility and self-discipline. There is no military commitment as a result of these courses. Cadets are normally required to wear the issued uniforms one day a week. Uniforms are provided at no cost.

J ROTC 1-2 – LET 1 070811/070812
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 write a research paper during the year. The performance standards of this course are based on the performance standards identified in the curriculum for US Army Junior ROTC. 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.

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

J ROTC 3-4 – LET 2 070821/070822
This course includes classroom instruction and laboratory introduction expanding skills taught in J ROTC 1-2 (LET 1). Topics include basic map reading and first aid. Intermediate Leadership Development provides instruction on leadership styles and practical time to exercise leadership theories as well as the basic principles of management. The course allows for personal assessments which help cadets determine their skill sets. Cadets will be required to write a research paper during the year. Opportunities to teach using accepted principles and methods of instruction are also offered. 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.

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

Prerequisite: J ROTC 1-2

J ROTC 5-6 – LET 3 070831/070832
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.

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

Prerequisite: J ROTC 3-4

J ROTC 7-8 – LET 4 070841/070842
This course includes classroom instruction and laboratory instruction expanding the skills taught in J ROTC 1-6 (LET 1-3). This course focuses on creating a positive leadership situation, negotiating, decision-making, management, and mentoring. The course provides the opportunity to demonstrate leadership potential in an assigned command or staff position within the cadet battalion. It includes how to use emotional intelligence in leadership situations as well as developing a positive attitude, preventing violence, and managing anger. The course provides instruction on etiquette, daily planning, financial planning, and careers. 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.

Credit: 1 per semester
Grade Level: 12
Duration: 2 semesters
Status: Meets requirement

Prerequisite: J ROTC 5-6, permission of Department Chair (Senior Army Instructor)
BEGINNING MARKSMANSHIP 1-2 070781/070782
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.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 10, 11, 12  Status: Elective credit
Prerequisite: Permission of Department Chair (Senior Army Instructor) and must be enrolled in J ROTC

ADVANCED MARKSMANSHIP 1-2 070791/070792
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.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11, 12  Status: Elective credit
Prerequisite: Permission of Department Chair (Senior Army Instructor) and must be enrolled in J ROTC
The goals of the Music Department are to enrich the student’s growth through aesthetic and artistic experiences, to expose students to outstanding examples of music literature, and to provide students with worthy performance opportunities.

### INSTRUMENTAL MUSIC

#### PREP BAND 1-2

This course is intended for high school students with previous instrumental experience but have yet to sharpen their skills sufficiently for membership in the concert band. Appropriate band literature and method studies that encourage the development of instrumental technique is rehearsed and performed. In the senior high school, prep band members may be included in the marching band activities.

- **Credit:** 1 per semester
- **Duration:** 2 semesters
- **Grade Level:** 9, 10, 11
- **Status:** Elective credit
- **Prerequisite:** Recommendation of middle school teacher or permission of instructor, and one year of experience on a band instrument

#### CONCERT BAND 1-2 (Honors Option)

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. Required performances include **marching band first quarter** with concert band and pep band the remainder of the year. **Band** students are expected to participate in a summer band camp sponsored by the band as well as a weekly evening rehearsal during the first quarter. Various styles of instrumental music will be rehearsed and performed in this course. Music skills development and performance will be emphasized.

- **Credit:** 1 per semester
- **Duration:** 2 semesters
- **Grade Level:** 9, 10, 11, 12
- **Status:** 1st Semester counts as PE credit, 2nd Semester counts as Elective credit
- **Prerequisite:** Recommendation of middle school Band teacher and/or audition

#### ORCHESTRA 1-2 (Honors Option)

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 fall, winter, and spring concerts as well as the All-City Music Festival and District Music Contest. Students are required to participate in all scheduled performances. Members may audition for participation in the pit orchestra for the production of the school’s Broadway musical and the All-State Music Festival.

- **Credit:** 1 per semester
- **Duration:** 2 semesters
- **Grade Level:** 9, 10, 11, 12
- **Status:** Elective credit
- **Prerequisite:** Recommendation of middle school Orchestra teacher and/or audition

#### JAZZ BAND 1-2 (Honors Option)

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. This group plays at various functions including concerts, contests, and Road Show. Students learn to perform different jazz styles.

- **Credit:** 1 per semester
- **Duration:** 2 semesters
- **Grade Level:** 9, 10, 11, 12
- **Status:** Elective credit
- **Prerequisite:** Audition and concurrent enrollment in Concert Band

#### 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.

- **Credit:** 1 per semester
- **Duration:** 2 semesters
- **Grade Level:** 9, 10, 11, 12
- **Status:** Elective credit
- **Prerequisite:** Previous instrumental music experience and permission of instructor
GUITAR 1-2

This course is designed for 9th through 12th grade students with any level of guitar experience. Students will learn a foundation of guitar-playing technique with an emphasis on note-reading. The fundamentals of musicianship and composing music for the guitar will also be taught. In-class performances (alone and in groups) will be the focus of this class. However, one outside-of-class performance per semester is required. Students are encouraged to purchase their own guitar (acoustic with steel or nylon strings). There are a limited number of instruments available for student use on a need basis only.

Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Prerequisite: Permission of instructor

Duration: 2 semesters
Status: Elective credit

GUITAR 3-4

In this course students will build on the foundation of playing techniques covered in Guitar 1-2. Note reading studies will cover all frets in first position as well as higher positions. Advanced techniques such as right hand finger style and classical (pima) will be taught. Chord studies will include moveable bar chords. Ear-training and transcribing music for the guitar will also be taught. Students will perform alone and in a variety of ensemble settings including a guitar recital in the spring semester. Students are encouraged to purchase their own guitar (acoustic with steel or nylon strings). There are a limited number of instruments available for student use on a need basis only.

Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Prerequisite: Permission of instructor or completion of Guitar 1-2

Duration: 2 semesters
Status: Elective credit

HONORS GUITAR 5-6

In this course students will build on the foundation of playing techniques covered in Guitar 3-4. Note reading studies will cover all frets in first position as well as higher positions. Advanced techniques such as right hand finger style and classical (pima) will be taught. Chord studies will include moveable bar chords. Ear-training and transcribing music for the guitar will also be taught. Students will perform alone and in a variety of ensemble settings including a guitar recital in the spring semester. Students are encouraged to purchase their own guitar (acoustic with steel or nylon strings). There are a limited number of instruments available for student use on a need basis only.

Credit: 1 per semester
Grade Level: 10, 11, 12
Prerequisite: Completion of Guitar 3-4 with grade of “B” or better, and successful audition with instructor

Duration: 2 semesters
Status: Elective credit

HONORS GUITAR 7-8

This course is for students who are experienced in playing guitar and will be focused on distinction level standards. Building on techniques and skills already learned, the students will be expected to perform in all classical position extended ranges, demonstrate advanced facilities in both flat picking and finger picking techniques, play and solo competently in a variety of styles, perform solo and ensemble repertoire at the advanced level, exhibit enhanced aural skill training, and further their theoretical understanding of music with particular attention to composition and arranging. This is an active performance ensemble; students will be required to participate in rehearsals and performances scheduled outside the school day. Solo and small group work will be an integral part of public performances.

Credit: 1 per semester
Grade Level: 11, 12
Prerequisite: Completion of Honors Guitar 5-6 with grade of “B” or better, and successful audition with instructor

Duration: 2 semesters
Status: Elective credit

PIANO

This course introduces piano techniques through method studies and exercises in a class setting using electronic piano laboratory facilities. Students learn to play with both hands and have recital experience. Basic music theory is included. Performances or recitals may be required as an extension of the classroom activities.

Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Prerequisite: Permission of instructor

Duration: 2 semesters
Status: Elective credit

MUSIC TECHNOLOGY 1-2

This course is designed for students interested in music and its related computer applications. No previous experience in computers or music is necessary. Students will explore electronic musical instruments, computer-assisted instructions, MIDI sequencing and music notation.

Credit: 1 per semester
Grade Level: 10, 11, 12
Prerequisite: Permission of instructor, one year of instrumental or piano training is required

Duration: 2 semesters
Status: Elective credit
VOCAL MUSIC

JUNIOR CHORUS 1-2 190261/190262
The Junior Chorus is a training choir for all grade levels. This chorus is intended for singers with advanced vocal ability. Basic choral literature that includes sacred and secular music from various musical periods is studied. Regular performance opportunities are included as an extension of the classroom experience. Audition or teacher recommendation is required.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 9  Status: Elective credit
Prerequisite: Recommendation of middle school teacher or permission of instructor

MIXED CHORUS 1-2 190221/190222
This course is offered to any student who desires a choral experience. It is preparatory for advanced choral participation. The classroom emphasis stresses vocal development in an introduction of basic high school choral literature. Performance opportunities are an extension of the classroom activities. Students are required to participate in all scheduled performances.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 10, 11, 12  Status: Elective credit
Prerequisite: Audition

TREBLE ENSEMBLE 1-2 – Bel Canto (Honors Option) 190391/190392
This is a highly select women’s chamber ensemble. Required performances include at least one concert per quarter (Madrigal Dinner, Winter Concert, Roadshow, Spring Concert), as well as District Music Contest, the UNL Women’s Chorus Festival and various run-out community concerts during the holiday season. The emphasis is on musical literacy and performance. This course is an advanced chamber ensemble for women selected by audition. Treble Ensemble members are simultaneously enrolled in the school's principal choral organizations. Frequent performance must be a student consideration for enrollment.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 10, 11, 12  Status: Elective credit
Prerequisite: Audition

CONCERT CHOIR 1-2 – A Capella (Honors Option) 190281/190282
This historic group is a highly selective mixed chorus. Required performances include at least one concert per quarter, as well as participation in the Roadshow, All-City Festival OPS Choral Adjudication, fall, winter and spring concerts as well as the All-City Music Festival and District Music Contest. The emphasis is on musical literacy and the performance of various types of choral literature. 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. Membership is selected by auditions.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11, 12 (10th with permission of instructor)  Status: Elective credit
Prerequisite: Audition

CHAMBER ENSEMBLE 1-2 – Central High Singers (Honors Option) 190471/190472
This is a highly select mixed chamber ensemble. Required performances include at least one concert per quarter (Madrigal Dinner, Winter Concert, Roadshow, Spring Concert), as well as District Music Contest and various run-out community concerts during the holiday season. The emphasis is on performance. This course is an advanced chamber ensemble for mixed voicing selected by audition. Members may be simultaneously enrolled in one of a school's principal choral organization. Frequent performance must be a consideration for enrollment.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11, 12  Status: Elective credit
Prerequisite: Audition and concurrent enrollment in Concert Choir

HONORS MUSIC THEORY 1-2 190521/190522
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. Additional assignments will be required to receive Honors Credit.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11, 12  Status: Elective credit
Prerequisite: Permission of instructor
AP MUSIC THEORY

This AP Music Theory course is designed to develop aural, performance, composition and theoretical knowledge skills of students to levels beyond the high school level. Students are encouraged to progress to be able to take the AP exam during fourth quarter.

Credit: 1 per semester  Duration: 2 semesters  Status: Elective credit
Grade Level: 11, 12  Prerequisite: Permission of instructor

THEATRE/STAGE

DRAMA 1-2: DRAMA  020631/020632
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. Students enrolling in this class need to understand that drama involves work in literacy and understanding and demonstrating drama concept.

Credit: 1 per semester  Duration: 2 semesters  Status: Elective credit
Grade Level: 9, 10, 11, 12  Prerequisite: Average "C" or above in Drama 1-2 and teacher permission

DRAMA 3-4: ADVANCED DRAMA  021761/021762
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 all school plays and musical productions.

Credit: 1 per semester  Duration: 2 semesters  Status: Elective credit
Grade Level: 9, 10, 11, 12  Prerequisite: Average "C" or above in Drama 1-2 and teacher permission

DRAMA 5-6: HONORS ADVANCED DRAMA  021831/021832
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.

Credit: 1 per semester  Duration: 2 semesters  Status: Elective credit
Grade Level: 11, 12  Prerequisite: Average "C" or above in Drama 1-2 and teacher permission

INTRODUCTION TO STAGECRAFT & THEATER PRODUCTION 1-2  020681/020682
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 plays and musical productions. It is highly recommended that students in Stagecraft be on the crew for at least one show. Strong interest in the "behind the scenes" workings of a theatrical production is a must! Some experience in building/construction is good, but not necessary.

Credit: 1 per semester  Duration: 2 semesters  Status: Elective credit
Grade Level: 9, 10, 11, 12  Prerequisite: One semester year of middle school stagecraft, one semester of industrial tech or teacher approval

ADVANCED STAGECRAFT & THEATER PRODUCTION 1-2  020691/020692
This course focuses on providing students with an in-depth understanding of technical theatre, including safety, parts of a theatre, 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 plays and musical productions. All students in Advanced Stagecraft are required to be on the crew for at least one show. Additional requirements, responsibilities, and/or projects are a part of this course.

Credit: 1 per semester  Duration: 2 semesters  Status: Elective credit
Grade Level: 10, 11, 12  Prerequisite: Introduction to Stagecraft & Theater Production 1-2 with a grade of "C" or better

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An individual’s most valuable asset is good health. No educational process can be adequate or complete if it neglects the physical education of the individual student. Being physically fit enhances self-image and self-confidence which is important to young people in the years when they are growing socially and intellectually. The department’s basic goal is good health for a lifetime. Students learn to understand individual needs and values so they may continue to enjoy good health while growing socially and intellectually.

**HUMAN GROWTH AND DEVELOPMENT** 070931
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 parent/guardians have the option to opt-out their child. Approved opt-out forms are available on the district website and in the School Counseling office.
Credit: 1 per semester
Grade Level: 10
Duration: 1 semester
Status: Meets requirement

**HONORS HUMAN GROWTH AND DEVELOPMENT** 071011/071012
This honors course helps high school 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 parent/guardians have the option to opt-out their child. Approved opt-out forms are available on the district website and in the School Counseling office. One class will meet every other day all year, opposite the honors science labs and the other will meet every day for a semester.
Credit: 1 per semester
Grade Level: 10
Duration: 1 semester
Status: Meets requirement

**AEROBICS 1-2** 070451/070452
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.
Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Duration: 2 semesters
Status: Meets requirement

**ADVANCED AEROBICS 1-2** 070491/070492
Students will be involved in a variety of activities for cardiovascular fitness including dance, step aerobics, free weights, water aerobics, kick aerobics and much more. The class will help increase and develop the students’ cardiovascular endurance, muscle strength and endurance. Students will also become familiar with the human anatomy as well as develop nutritional plans for themselves.
Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Duration: 2 semesters
Status: Meets requirement
Prerequisite: Grade of “C” or better in Aerobics 1-2

**LIFETIME SPORTS/ACTIVITIES 1-2** 070391/070392
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.
Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Duration: 2 semesters
Status: Meets requirement

**TEAM SPORTS 1-2** 070471/070472
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.
Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Duration: 2 semesters
Status: Meets requirement

**LIGHT WEIGHT TRAINING/CONDITIONING 1-2** 070251/070252
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. This course is not appropriate for a student who has previously taken Weight Training.
Credit: 1 per semester
Grade Level: 9, 10, 11, 12
Duration: 2 semesters
Status: Meets requirement
WEIGHT TRAINING/CONDITIONING 1-2 070261/070262
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.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 10, 11, 12  Status: Meets requirement

ADV WEIGHT TRAINING 1-2 070281/070282
This is a second-year class that expands instruction in strength, flexibility and aerobic training.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11, 12  Status: Meets requirement
Prerequisite: “C” or better in Weight Training/Conditioning 1-2

PE MENTORS 070201/070202
This course is designated for exceptional learners to participate in physical education with students who enrolled in the Alternate Curriculum Program. P.E. Mentors will be responsible for assisting students who participate in the Alternate Curriculum Program with their objectives individually and as a group. This course is designed for all students to improve cardiovascular fitness, muscular strength, flexibility, and body composition. Emphasis is placed on sportsmanship and developing motor skills needed for independent living. Student enrollment will be limited to 11th and 12th graders and will need both teacher and administrator approval.
Credit: 1 per semester  Duration: 2 semesters
Grade Level: 11, 12  Status: Meets requirement
Prerequisite: Selection via application process.
Science and technology are major influences in the lives of everyone. The Science Department offers a sequence of courses that give students basic science knowledge through the use of scientific processes and technology. The courses are designed sequentially to prepare students for each future science class, as well as to foster inquiry, problem solving skills which are needed to produce scientifically literate citizens. The continued advances in technology require citizens to have an appreciation and understanding of science and the role it plays in society. Each successive science course is developed by expanding and unifying the concepts and processes of the previous course. Each science course fulfills the requirements of the Nebraska Science Standards.

**PHYSICAL SCIENCE 1-2**  
060501/060502

Physical Science 1-2 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.

- **Credit:** 1 per semester  
- **Duration:** 2 semesters  
- **Grade Level:** 9  
- **Status:** Meets requirement  
- **Prerequisite:** None  
- **Duration:** 2 semesters  
- **Credit:** 1 per semester  
- **Grade Level:** 9, 10  
- **Status:** Meets requirement

**HONORS PHYSICAL SCIENCE 1-2**  
060531/060532

Honors Physical Science 1-2 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. Students enrolled in honors courses have additional experiences that require a more rigorous program of study.

- **Credit:** 1 per semester  
- **Duration:** 2 semesters (single period plus lab period every other day)  
- **Grade Level:** 9  
- **Status:** Meets requirement  
- **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.

**BIOLOGY 1-2**  
060411/060412

Biology 1-2 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.

- **Credit:** 1 per semester  
- **Duration:** 2 semesters  
- **Grade Level:** 9, 10  
- **Status:** Meets requirement  
- **Prerequisite:** Physical Science 1-2

**HONORS BIOLOGY 1-2**  
060431/060432

Honors Biology 1-2 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 honors courses have additional experiences that require a more rigorous program of study.

- **Credit:** 1 per semester  
- **Duration:** 2 semesters (single period plus lab period every other day)  
- **Grade Level:** 9, 10  
- **Status:** Meets requirement  
- **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.

* 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.
EARTH SCIENCE 3-4 (Honors Option) 061061/061062

Earth Science 3-4 is an inquiry-based course that builds upon content from Nebraska's 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 is studied, the history and dynamics of Earth, and the reshaping the Earth's crust, atmosphere, atmospheric forces, and oceans.

Credit: 1 per semester Duration: 2 semesters
Grade Level: 10, 11, 12 Status: Meets requirement
Prerequisite: Physical Science 1-2, Biology 1-2

FORENSIC SCIENCE 1-2 (Honors Option) 061331/061332

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.

Credit: 1 per semester Duration: 2 semesters
Grade Level: 10, 11, 12 Status: Meets requirement
Prerequisite: Physical Science 1-2, Biology 1-2

ANATOMY AND PHYSIOLOGY 1-2 (Honors Option) 060931/060932

Anatomy and Physiology 1-2 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.

Credit: 1 per semester Duration: 2 semesters
Grade Level: 10, 11, 12 Status: Meets requirement
Prerequisite: Physical Science 1-2, Biology 1-2

ENVIRONMENTAL SCIENCE 1 (Honors Option) 060351

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.

Credit: 1 per semester Duration: 1 semester
Grade Level: 10, 11, 12 Status: Meets requirement
Prerequisite: Physical Science 1-2, Biology 1-2

MARINE BIOLOGY/OCEANOGRAPHY 1 (Honors Option) 060821

Marine Biology provides an overview of the marine environment and includes laboratory investigations of selected topics in the content. The use of scientific method, measurement, laboratory apparatus, and safety procedures are integral components of this course. The content includes topics such as the nature of science, the origins of the oceans, chemical, physical, and geological aspects of the marine environment, ecology of various sea zones, marine communities, diversity of marine organisms, the flora and fauna of the marine environment, characteristics of major marine ecosystems, characteristics of major marine phyla/divisions, and the interrelationship between humans and the ocean. Additionally, this course provides opportunities for the students’ participation in research, experimentation, dissection, field studies, and decision-making. Selected groups of marine organisms are studied to develop an understanding of biological principles and processes that are basic to all forms of life in the sea. The ocean’s role in Earth's climate and weather are discussed, as well as the importance of ocean currents and upwelling. This is a one-semester course.

Credit: 1 per semester Duration: 1 semester
Grade Level: 10, 11, 12 Status: Meets requirement
Prerequisite: Physical Science 1-2, Biology 1-2

ASTRONOMY 1-2 (Honors Option) 060801/060802

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.

Credit: 1 per semester Duration: 2 semesters
Grade Level: 10, 11, 12 Status: Meets requirement
Prerequisite: Physical Science 1-2, Biology 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.
PHYSICS 1-2

Physics 1-2 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.

Credit: 1 per semester  
Grade Level: 11, 12  
Status: Meets requirement  
Prerequisite: Physical Science 1-2, Biology 1-2, Successful completion of Algebra 1-2 and Geometry 1-2 with a “C” or better

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

CHEMISTRY 1-2

Chemistry 1-2 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.

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

AP PHYSICS 1

AP 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.

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

AP PHYSICS 2 (Honors Option)

AP Physics 2 is a year-long course that is the equivalent to a second semester college course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, relativity, particle physics, and nuclear physics. Advanced educational credit may be available for students who successfully pass the AP Exam.

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

AP PHYSICS C: MECHANICS (Semester 1)

AP PHYSICS C: ELECTRICITY AND MAGNETISM (Semester 2)

AP Physics C is a two-semester course for students with a strong interest and aptitude in science, mathematics, or engineering. It is designed to be equivalent to a first-year college introductory physics course and follows the College Board curriculum. The primary goal of the course is to provide students with a strong conceptual understanding of physics, while developing analytical and problem-solving skills. Students improve their abilities to read, understand, and interpret physical information verbally, mathematically, and graphically. AP Physics C: Mechanics places a primary emphasis on Newtonian mechanics. The course requires and employs a basic understanding of calculus (differentiation and integration). Advanced educational credit may be available for students who successfully pass the AP Exam. Dual enrollment options may be available.

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

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AP BIOLOGY 1-2  
AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions.
Credit: 1 per semester  
Grade Level: 10, 11, 12  
Prerequisite: Physical Science 1-2, Biology 1-2, with no grade less than a “C” and teacher recommendation  
Duration: 2 semesters (single period plus lab period every other day)  
Status: Meets requirement

AP CHEMISTRY 1-2  
AP Chemistry provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Advanced educational credit may be available for students who successfully pass the AP Exam.
Credit: 1 per semester  
Grade Level: 11, 12  
Prerequisite: Physical Science 1-2, Biology 1-2, Honors Chemistry 1-2 and Trigonometry/Pre-Calculus 1-2 with no grade less than “B” and teacher recommendation  
Duration: 2 semesters (single period plus lab period every other day)  
Status: Meets requirement

HONORS ADVANCED RESEARCH 1-2  
Honors Advanced Research is an inquiry course with an emphasis on research methods. Students will engage in scientific research practices by formulating research questions and hypotheses, designing experimental methods, and evaluating results using statistical analysis. The course includes the practice of locating and understanding scientific literature, practice critiquing biological data and ideas, writing a research proposal, and public presentation of scientific information.
Credit: 1 per semester  
Grade Level: 11, 12  
Prerequisite: Teacher permission  
Duration: 2 semesters  
Status: Elective credit

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The goals of the Social Studies Department are: (1) to assist students in examining values and eventually to become committed to those of our democratic society; (2) to aid students in identifying with the United States and to develop a refined sense of patriotism; (3) to acquaint students with the world around them in an effort to help them better understand their position in the world; (4) to teach the skill of class discussion not only to contribute to the knowledge of the class but also to listen to and respect the opinions of others; (5) to teach the methods of doing research, evaluate sources of information, and reach intelligent conclusions; and, (6) to appraise the reality and importance of the world’s cultural and pluralistic nature.

**US HISTORY 1-2**

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.

- Credit: 1 per semester
- Grade Level: 9
- Duration: 2 semesters
- Status: Meets requirement

**HONORS US 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.

- Credit: 1 per semester
- Grade Level: 9
- Duration: 2 semesters
- Status: Meets requirement
- 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

**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. This is a one-semester course.

- Credit: 1 per semester
- Grade Level: 10
- Duration: 1 semester
- Status: Meets requirement

**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. This is a one-semester course.

- Credit: 1 per semester
- Grade Level: 10
- Duration: 1 semester
- Status: Meets requirement
- Prerequisite: Permission of department chair

**INTRODUCTION 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.

- Credit: 1 per semester
- Grade Level: 10
- Duration: 1 semester
- Status: Meets requirement

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HONORS INTRODUCTION TO ECONOMICS 030481
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) This is a one-semester course. Concurrent enrollment in Honors English 3-4 is highly recommended.
Credit: 1 per semester Duration: 1 semester
Grade Level: 10 Status: Meets requirement
Prerequisite: Permission of department chair

AP HUMAN GEOGRAPHY 1-2 030191/030192
Advanced Placement Human Geography 1-2 introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Topics are defined by the College Board and include geography, population and migration, cultural patterns and processes, political organization of space, agriculture, food production, and rural land use, industrialization and economic development, and cities and urban land use.
Credit: 1 per semester Duration: 2 semesters
Grade Level: 10, 11, 12 Status: 1st Semester meets requirement
Prerequisite: Permission of department

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.
Credit: 1 per semester Duration: 2 semesters
Grade Level: 11 Status: Meets requirement

AP WORLD HISTORY 1-2 030421/030422
Advanced Placement World History 1-2 focuses on developing students' understanding of world history from approximately 1200 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. Concurrent enrollment in AP English Language is highly recommended.
Credit: 1 per semester Duration: 2 semesters
Grade Level: 11, 12 Status: Meets requirement
Prerequisite: Permission of department

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.
Credit: 1 per semester Duration: 1 semester
Grade Level: 12 Status: Meets requirement

AP UNITED STATES AND AP COMPARATIVE GOVERNMENT AND POLITICS 030261/030262
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. This is a yearlong course.
Credit: 1 per semester Duration: 2 semesters
Grade Level: 11, 12 Status: Meets requirement
Prerequisite: Permission of department

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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. **A yearlong research project is required.**

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<td>Status: Meets requirement</td>
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**Prerequisite: Permission of department**

**HONORS INTRODUCTION TO WORLD RELIGIONS**

Hons Introduction to World Religions is a neutral, academic study of the history, culture and theology of the world’s major religions. It is designed to introduce the student to the religions’ commonalities, history and basic theology. The course examines the role of religion in society, the commonalities among the various spiritual paths, and a focus on each of the following faiths: Judaism, Christianity, Islam, Hinduism and Buddhism. If time allows, Native American religious beliefs and some of the lesser known faiths such as Bahai and the Eastern Philosophies are investigated. This is a college-level course taught using a college-level textbook.

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**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.

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**ANTHROPOLOGY**

Anthropology introduces the concepts and tools of understanding human behavior and origins. Anthropologists focus on the interconnections and interdependence of all aspects of the human experience, past and present. Students learn how anthropologists avoid bias to study humans through the fields of Cultural Anthropology, Physical Anthropology, Archaeology, and Linguistics.

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**LAW AND 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.

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**OMAHA HISTORY**

Omaha History explores the rich and colorful past of one of America’s great cities. From the Native Americans who first settled here, to the diverse ethnic groups who later called this place home, Omaha has possessed a unique, vibrant, and sometimes gaudy history that is full of interesting and inspiring stories of the individuals who have made their marks here. Students also learn about the architecture and cultural institutions that have made the city what it is today.

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<th>Duration</th>
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<tr>
<td>SOCIOLGY</td>
<td>030531</td>
<td>10, 11, 12</td>
<td>1 semester</td>
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<td>NATIVE AMERICAN IDENTITY AND HISTORY</td>
<td>031621</td>
<td>10, 11, 12</td>
<td>1 semester</td>
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<tr>
<td>PSYCHOLOGY</td>
<td>030491</td>
<td>10, 11, 12</td>
<td>1 semester</td>
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<tr>
<td>AP PSYCHOLOGY 1-2</td>
<td>030641/030642</td>
<td>10, 11, 12</td>
<td>2 semesters</td>
<td>AP or B in previous Honors classes or in Psychology</td>
</tr>
<tr>
<td>AP MACROECONOMICS</td>
<td>030662</td>
<td>11, 12</td>
<td>2 semesters</td>
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<tr>
<td>AP MICROECONOMICS</td>
<td>030661</td>
<td>11, 12</td>
<td>2 semesters</td>
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<tr>
<td>HONORS ACADEMIC DECATHLON</td>
<td>031201/031202</td>
<td>10, 11, 12</td>
<td>2 semesters</td>
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<tr>
<td>AMERICAN STUDIES</td>
<td>030571</td>
<td>10, 11, 12</td>
<td>1 semester</td>
<td>This is a credit recovery course for students who have failed US History 1 or 2 and American Government</td>
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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.

**Credit:** 1 per semester  
**Grade Level:** 10, 11, 12  
**Status:** Elective credit

An exploration and overview of Native Identity, history and study skills. This course uses a writing base to explore each individual student's Native identity. Students were taught note taking skills, basic writing skills, and library research skills utilizing Native American readings, writings and information from guest speakers and videos. Students will gather a greater understanding of their own identity and a history and cultural basis for their particular tribal group or groups.

**Credit:** 1 per semester  
**Grade Level:** 10, 11, 12  
**Status:** Elective credit

Psychology explores the complex nature of human behavior. Emphasis is placed upon the most significant concepts of contemporary psychology and the methods psychologists use to study behavior.

**Credit:** 1 per semester  
**Grade Level:** 10, 11, 12  
**Status:** Elective credit

AP Psychology 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.

**Credit:** 1 per semester  
**Grade Level:** 10, 11, 12  
**Status:** Elective credit

AP Microeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

AP Macroeconomics gives students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

**Credit:** 1 per semester  
**Grade Level:** 11, 12  
**Status:** Elective credit

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. This course requires extensive study and time commitments outside of school hours and is a year-long commitment.

**Credit:** 1 per semester  
**Grade Level:** 10, 11, 12  
**Status:** Elective credit

American Studies is a one-semester elective that can be 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. This is a one-semester course.

**Credit:** 1 per semester  
**Grade Level:** 10, 11, 12  
**Status:** Meets requirement  

**Prerequisite:** This is a credit recovery course for students who have failed US History 1 or 2 or American Government
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.

**Credit:** 1 per semester  
**Duration:** 1 semester  
**Grade Level:** 12  
**Status:** Meets requirement  
**Prerequisite:** This is a credit recovery course for students who have failed Modern World History 1 or 2 or Human Geography or Intro to Economics

* 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.
The goal of Special Education services is to provide students with verified disabilities learning opportunities in the least restrictive environment, allowing maximum participation in general education settings. The student’s Individual Education Plan (IEP) team identifies services and supports that are needed for participation and progress in the general curriculum. A continuum of services are available ranging from self-contained classrooms to full participation in general education courses with special education support. Contact your IEP case manager or building Special Education Department Head for further information.

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 Facilitated Support Study Period. 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 Program 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. Students who participate in the Alternate Curriculum Program receive an adjusted diploma.

The following special education programs are available in our building:

**Resource**
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.

**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 integrative classes and activities with their general education peers as appropriate. Students who participate in the ACP receive an adjusted diploma.

**Behavior Skills Program**
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.

**Hearing Impaired Program**
This program serves students who are deaf or hard of hearing. Signing Exact English (SEE II) is the communication system used for instruction as well as with visual support for other students. Students participate in the general education curriculum with the support of sign language interpreters. Students also receive enhanced vocabulary and language development instruction.

**Work Experience Program**
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 in building self-confidence. In addition, it provides an opportunity for them 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.

**Speech-Language Therapy Program**
Speech-language therapy is available to students with diagnosed speech and/or language problems. Grade and credit options relate to the time commitment made by the student. Services are also available for students with visual impairments or acoustical handicaps and/or physical handicaps.
WORK EXPERIENCE (WORK-BASED LEARNING) 100021/100022
This course offers training, evaluation and experience in a work/employment setting at one of three levels:
Level 1. Work Awareness: ACP students develop an awareness of the world of work. Students attend worksites in small groups with a paraprofessional and receive intensive guidance and support.
Level 2. Work Training: Students in ACP, Resource, or Behavior Skills work independently at arranged worksites, with supervision of a certified teacher. Students learn basic work skills as well as social and job skills needed to maintain competitive employment.
Level 3. On-Job-Placement: Students in ACP, Resource, or Behavior Skills can earn up to 3 elective credits per semester by maintaining competitive employment. Students meet weekly with Work-Based Learning teachers to record employment hours and to complete employer evaluations.
Credit: Up to 3 per semester Duration: 2 semesters
Grade Level: 9, 10, 11, 12 Status: Elective Credit
Prerequisite: Teacher recommendation. Students participating in Work Training and On-Job-Placement must be in 11th grade or age 16.

READING S 1-2 090321/090322
This course emphasizes word recognition, comprehension, reading experience and vocabulary development. The reading program is based on the identified individual needs of students. Teacher recommendation is required.
Credit: 1 per semester Duration: 2 semesters
Grade Level: 9, 10, 11, 12 Status: Elective credit
Prerequisite: Teacher recommendation

AFFECTIVE SKILLS 090751/090752
This course addresses social skills that can be incorporated into the student's daily living. A practical approach with group discussion and classroom participation is emphasized. Students are encouraged to explore problem-solving skills, decision making skills, and skills for independence. Communication and positive self-esteem are fostered.
Credit: 1 per semester Duration: 2 semesters
Grade Level: 9, 10, 11, 12 Status: Elective credit
Prerequisite: Teacher recommendation

STUDY SKILLS 090731/090732
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.
Credit: 1 per semester Duration: 2 semesters
Grade Level: 9, 10, 11, 12 Status: Elective credit
Prerequisite: Teacher recommendation

FACILITATED SUPPORT STUDY PERIOD X10021/X10022
This small study hall setting allows students to work closely with Special Education staff to monitor organization, assignment completion, and other items as needed.
Credit: No credit Duration: 2 semesters, every day or every other day
Grade Level: 9, 10, 11, 12 Status: No credit
Prerequisite: Teacher recommendation
Placement for junior and senior year courses will be dependent upon teacher evaluation and recommendation.
The goal of the World Languages Department is the development of basic communicative skills in listening, speaking, reading, and writing in the target language. The emphasis is on what students can “do” with the language (functional use) as well as what students “know” about language. Emphasis will be placed on activities, which involve meaningful language use. Students should develop an awareness and appreciation of other languages and cultures, which will enable them to interact in an increasingly global society.

World language students have access to computer labs and software programs to reinforce and enhance their language skills. Word processing and Internet searches are a part of language learning at all levels of language study. Student trips abroad and state and metro competitions enhance the students’ program of study.

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINESE 1-2</td>
<td>161901/161902</td>
</tr>
<tr>
<td>FRENCH 1-2</td>
<td>160301/160302</td>
</tr>
<tr>
<td>GERMAN 1-2</td>
<td>160401/160502</td>
</tr>
<tr>
<td>SPANISH 1-2</td>
<td>160501/160502</td>
</tr>
<tr>
<td>CHINESE 3-4</td>
<td>161891/161892</td>
</tr>
<tr>
<td>FRENCH 3-4</td>
<td>160311/160312</td>
</tr>
<tr>
<td>GERMAN 3-4</td>
<td>160411/160421</td>
</tr>
<tr>
<td>SPANISH 3-4</td>
<td>160511/160512</td>
</tr>
<tr>
<td>HONORS CHINESE 5-6</td>
<td>161881/161882</td>
</tr>
<tr>
<td>HONORS FRENCH 5-6</td>
<td>160351/160352</td>
</tr>
<tr>
<td>HONORS GERMAN 5-6</td>
<td>160451/160452</td>
</tr>
<tr>
<td>HONORS SPANISH 5-6</td>
<td>160551/160552</td>
</tr>
</tbody>
</table>

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.

Credit: 1 per semester  
Grade Level: 9, 10, 11, 12  
Status: Elective credit

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.

Credit: 1 per semester  
Grade Level: 9, 10, 11, 12  
Status: Elective credit

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.

Credit: 1 per semester  
Grade Level: 10, 11, 12  
Status: Elective credit

Prerequisite: Successful completion of core courses in middle school is strongly recommended.
<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HONORS CHINESE 7-8</td>
<td>161871/161872</td>
</tr>
<tr>
<td>HONORS FRENCH 7-8</td>
<td>160361/160362</td>
</tr>
<tr>
<td>HONORS GERMAN 7-8</td>
<td>160461/160462</td>
</tr>
<tr>
<td>HONORS SPANISH 7-8</td>
<td>160561/160562</td>
</tr>
</tbody>
</table>

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.

**Credit:** 1 per semester  
**Duration:** 2 semesters  
**Grade Level:** 11, 12  
**Status:** Elective credit  
**Prerequisite:** Grade of "C" or higher in Honors French 5-6, Honors German 5-6 or Honors Spanish 5-6 or permission of the instructor

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP FRENCH LANGUAGE 1-2</td>
<td>160381/160382</td>
</tr>
<tr>
<td>AP GERMAN LANGUAGE 1-2</td>
<td>160481/160482</td>
</tr>
<tr>
<td>AP SPANISH LANGUAGE 1-2</td>
<td>160581/160582</td>
</tr>
</tbody>
</table>

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).

**Credit:** 1 per semester  
**Duration:** 2 semesters  
**Grade Level:** 12  
**Status:** Elective credit  
**Prerequisite:** Grade of "B" or higher in Honors French 7-8, Honors German 5-6 or Honors Spanish 7-8 or permission of instructor

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>SPANISH FOR SPANISH SPEAKERS 1-2</td>
<td>160851/160852</td>
</tr>
</tbody>
</table>

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.

**Credit:** 1 per semester  
**Duration:** 2 semesters  
**Grade Level:** 9, 10, 11, 12  
**Status:** Elective credit  
**Prerequisite:** Native Spanish speaker

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HONORS SPANISH FOR SPANISH SPEAKERS 3-4</td>
<td>160861/160862</td>
</tr>
</tbody>
</table>

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.

**Credit:** 1 per semester  
**Duration:** 2 semesters  
**Grade Level:** 9, 10, 11, 12  
**Status:** Elective credit  
**Prerequisite:** Native Spanish speaker or teacher recommendation

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>HONORS SPANISH FOR SPANISH SPEAKERS 5-6</td>
<td>160871/160872</td>
</tr>
</tbody>
</table>

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.

**Credit:** 1 per semester  
**Duration:** 2 semesters  
**Grade Level:** 10, 11, 12  
**Status:** Elective credit  
**Prerequisite:** Native Spanish speaker, grade of "C" or higher in Honors Spanish Speakers 3-4 or teacher recommendation
AP SPANISH LITERATURE 1-2 161121/161122
The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism).
Credit: 1 per semester
Grade Level: 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: Grade of “C” or better in Honors Spanish for Spanish Speakers 5-6, or permission of instructor

LATIN 1-2 160601/160602
This course involves the first year Latin student in learning the pronunciation of the language, a basic vocabulary and fundamentals of syntax and forms. Students learn the basic grammatical concepts of the language, Latin roots of English words and thus improve both their vocabulary and understanding of their own language. Reading and translation of selected works lead to a beginning knowledge of classical mythology and Roman civilization.
Credit: 1 per semester
Grade Level: 10, 11, 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: Successful completion of core courses in middle school is strongly recommended.

LATIN 3-4 160611/160612
This course encourages students in the second year of Latin to continue the study of the sound system of the language, the development of vocabulary and the study of more complex forms and syntax. Further understanding of Roman culture derives from an extensive study of Julius Caesar, the translation of some of his works and the history of that time period.
Credit: 1 per semester
Grade Level: 10, 11, 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: Latin 1-2

HONORS LATIN 5-6 160651/160652
This course encourages third year Latin students to continue their study of vocabulary and grammar. Readings and translations of Cicero and Virgil broaden the understanding of the culture of the Romans. Students also study and analyze Roman politics, government and laws in order to better see and understand the basis of much of the governmental structure of their own country.
Credit: 1 per semester
Grade Level: 11, 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: Grade of a “C” or higher in Latin 3-4

HONORS LATIN 7-8 160661/160662
This course encourages the fourth year Latin student to extend his/her mastery of the vocabulary and grammar of the language. Reading and translation of the classic genre demonstrated in such works as those written by Ovid, Cicero and Virgil continue to be probed, explored, and analyzed.
Credit: 1 per semester
Grade Level: 12
Duration: 2 semesters
Status: Elective credit
Prerequisite: Grade of a “C” or higher in Honors Latin 5-6
Right now you may not know exactly what your next steps are. Will you choose college? Or will you choose a career? You can choose BOTH! No matter what you choose, coming to the Career Center gives you a competitive advantage. Each of our programs includes a blend of theory and hands-on application. This means you'll know what you need to do and actually how to do it! Wherever you're headed in life, your CONNECTION begins here!

### CAREER FOCUS:
Prepare for immediate employment, advanced certifications, and further education.

#### Competitive Advantage
- Right now you may not know exactly what your next steps are. Will you choose college? Or will you choose a career? You can choose BOTH! No matter what you choose, coming to the Career Center gives you a competitive advantage. Each of our programs includes a blend of theory and hands-on application. This means you'll know what you need to do and actually how to do it! Wherever you're headed in life, your CONNECTION begins here!

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#### 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.
MCC CAREER ACADEMIES

Metropolitan Community College’s (MCC)’s Career Academies are designed to provide high school juniors and seniors with opportunities to explore various career fields and get a jumpstart on their postsecondary education. MCC Career Academies increase student awareness in various career fields and gain exposure to a college environment.

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? MCC Career Academies are offered at half price tuition.
*Funding for tuition may be available for certain academy programs, see your counselor.

Time of MCC Career Academies classes: Most academies meet between 12:30 - 4:00pm, Monday-Thursday. More specific information can be found by contacting your counselor.

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. Deadlines do apply and space is LIMITED. For more information and applications, please see your counselor!

Available MCC Career Academies

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</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 if diesel engine technology.</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>
</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>
</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>
</tr>
<tr>
<td>Theatre Technology</td>
<td>Located at The Omaha Community Playhouse at 6915 Cass. Students learn about the blend of visual arts/design, music, research, technology and more.</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>
</tr>
</tbody>
</table>

GET INVOLVED!

Clubs and activities are an important part of a student’s educational experience. We strongly encourage students to try new things as well as get involved in activities that interest them. They are also encouraged to start new clubs.

ATHLETICS

Baseball
Basketball
Cross Country
Football
Golf
Swimming & Diving
Soccer
Softball
Tennis
Track
Volleyball
Wrestling

ATHLETIC SUPPORT ACTIVITIES

Cheerleading
Pom Squad
Step Team

CLUBS & CO-CURRICULAR ACTIVITIES

Academic Decathlon
Art Club
Bell Choir
Central VEX Robotics
Chess Club
Culinary Club
DECA
Drama Club/ITS Intl Thespian Society & Stage Crew
Fine Lines Writing Club
Educators Rising
Engineering Club
Fellowship of Christian Athletes
FBLA
French Club
Freshman Vocal Ensemble
Gardening Club
Gay/Straight Alliance
Ghost Hunters Club
HOSA - Future Health Professionals
JROTC
K-Pop Club (Korean Culture)
Latin Club
Latino Leaders
Math Club
Mixer Club
Mock Trial
National Honor Society
Newspaper – “Register”
O Club

Philosophy Club
Poetry Club
Polar Plunge Club
Power Lifting Team
Science Olympiad
Senior Class Officers
Spanish National Honors Society
Student Council
Tri-M Honor Society
THRIVE
Ukulele Club
Unified Bowling League
WORD Writers Club
ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at eligibilitycenter.org. If you want to play Division III sports or you aren’t sure where you want to compete, start by creating a Profile Page at eligibilitycenter.org.

ACADEMIC REQUIREMENTS
To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA, and earn an ACT or SAT score that matches your core-course GPA.

CORE COURSES
Visit eligibilitycenter.org/courselist for a full list of your high school’s approved core courses.
Complete 16 core courses in the following areas:

DIVISION I
Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>NATURAL/PHYSICAL SCIENCE</th>
<th>MATH (Algebra I or higher)</th>
<th>SOCIAL SCIENCE</th>
<th>ADDITIONAL (English, math or natural/physical science)</th>
<th>ADDITIONAL (English, math, natural/physical science, social science, foreign language, comparative religion or philosophy)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 years</td>
<td>2 years</td>
<td>3 years</td>
<td>2 years</td>
<td>1 year</td>
<td>4 years</td>
</tr>
</tbody>
</table>

DIVISION II

<table>
<thead>
<tr>
<th>ENGLISH</th>
<th>NATURAL/PHYSICAL SCIENCE</th>
<th>MATH (Algebra I or higher)</th>
<th>SOCIAL SCIENCE</th>
<th>ADDITIONAL (English, math or natural/physical science)</th>
<th>ADDITIONAL (English, math, natural/physical science, social science, foreign language, comparative religion or philosophy)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 years</td>
<td>2 years</td>
<td>2 years</td>
<td>2 years</td>
<td>3 years</td>
<td>4 years</td>
</tr>
</tbody>
</table>

GRADE-POINT AVERAGE
The NCAA Eligibility Center calculates your grade-point average (GPA) based on the grades you earn in NCAA-approved core courses.
- DI requires a minimum 2.3 GPA
- DII requires a minimum 2.2 GPA

SLIDING SCALE
Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about sliding scales at ncaa.org/playcollegesports.

TEST SCORES
Take the ACT or SAT as many times as you want before you enroll full time in college, but remember to list the NCAA Eligibility Center (code 9999) as a score recipient whenever you register to take a test. If you take a test more than once, send us all your scores and we will choose the best scores from each test section to create your sum score. We accept official scores only from the ACT or SAT, and won’t use scores shown on your high school transcript. Remember to apply the College Board concordance table for SAT tests taken in March 2016 and after.
HIGH SCHOOL TIMELINE

GRADE 9
Plan
- Start planning now! Take the right courses and earn the best grades you can.
- Ask your counselor for a list of your high school’s NCAA core courses to make sure you take the right classes. Or find your high school’s list of NCAA core courses at eligibilitycenter.org/courselist.

GRADE 10
Register
- Register for a Certification Account or Profile Page with the NCAA Eligibility Center at eligibilitycenter.org.
- If you fall behind on courses, don’t take shortcuts to catch up. Ask your counselor for help with finding approved courses or programs you can take.

GRADE 11
Study
- Check with your counselor to make sure you are on track to graduate on time.
- Take the ACT or SAT, and make sure we get your scores by using code 9999.
- At the end of the year, ask your counselor to upload your official transcript.

GRADE 12
Graduate
- Take the ACT or SAT again, if necessary, and make sure we get your scores by using code 9999.
- Request your final amateurism certification after April 1.
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation.

Core Courses
This simple formula will help you meet Division I and II core-course requirements.

4x4 = 16
+ 4 English courses (one per year)
+ 4 math courses (one per year)
+ 4 science courses (one per year)
+ 4 social science courses (one per year)
= 16 NCAA CORE COURSES

For more information:
ncaa.org/playcollegesports
eligibilitycenter.org

Search Frequently Asked Questions
ncaa.org/studentfaq

Follow us on Twitter:
@NCAAECCO
DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletic scholarships, and/or compete during their first year.

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

<table>
<thead>
<tr>
<th>Course Area</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH</td>
<td>4 years</td>
</tr>
<tr>
<td>MATH (Algebra I or higher)</td>
<td>3 years</td>
</tr>
<tr>
<td>NATURAL/PHYSICAL SCIENCE</td>
<td>2 years</td>
</tr>
<tr>
<td>SOCIAL SCIENCE</td>
<td>2 years</td>
</tr>
<tr>
<td>ADDITIONAL ENGLISH, MATH OR NATURAL/PHYSICAL SCIENCE</td>
<td>1 year</td>
</tr>
<tr>
<td>ADDITIONAL COURSES (Any area listed in the left, foreign language or comparative religion/philosophy)</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 science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your 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 the ACT/SAT score matching your 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 athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:
College-bound student-athletes may receive athletics scholarships during their first year of 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 cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.
Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of 9999 so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will NOT be used in his or her academic certification.

A combined SAT score is calculated by adding 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 subscore from different tests are used to meet initial eligibility requirements.

If a student took the SAT before March 2016 and then took the redesigned SAT at a later date, the NCAA Eligibility Center will not combine section scores from the former and redesigned SAT when determining his or her initial eligibility. The NCAA Eligibility Center will only combine section scores from the same version of the test. Because the redesigned SAT varies in design and measures different academic concepts than the former SAT, the Eligibility Center will apply the College Board’s concordance tables when performing academic certifications for students with redesigned SAT scores.

*To compare SAT scores, click here for a comparison table, or click here to visit the College Board’s website.

### DIVISION I FULL QUALIFIER SLIDING SCALE

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### DIVISION I FULL QUALIFIER SLIDING SCALE

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ACADEMIC REDSHIRT

NCAA is a trademark of the National Collegiate Athletic Association.
2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after August 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

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

- **ENGLISH**: 3 years
- **MATH (Algebra I or higher)**: 2 years
- **NATURAL/PHYSICAL SCIENCE (including one year of lab science, if offered)**: 2 years
- **SOCIAL SCIENCE**: 2 years
- **ADDITIONAL (English, math, natural/physical science)**: 3 years
- **ADDITIONAL (English, math, natural/physical science, foreign language, comparative religion or philosophy)**: 4 years

**Full Qualifier**
- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your 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 the ACT/SAT score matching your 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 athletics scholarships during their first year of enrollment at an NCAA Division II school.

**Partial Qualifier:**
College-bound student-athletes may receive athletics scholarships during their first year of 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 may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.
Test Scores

If a student took the SAT before March 2016 and then took the redesigned SAT at a later date, the NCAA Eligibility Center will not combine section scores from the former and redesigned SAT when determining his or her initial eligibility. The NCAA Eligibility Center will only combine section scores from the same version of the test. Because the redesigned SAT varies in design and measures different academic concepts than the former SAT, the Eligibility Center will apply the College Board’s concordance tables when performing academic certifications for students with redesigned SAT scores.

*To compare SAT scores, click here for a comparison table, or click here to visit the College Board’s website.

**DIVISION II FULL QUALIFIER SLIDING SCALE**

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**DIVISION II PARTIAL QUALIFIER SLIDING SCALE**

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NOAA is a trademark of the National Collegiate Athletic Association.
## Division I Worksheet

This worksheet is provided to assist you in monitoring your progress in meeting NCAA initial-eligibility standards. The NCAA Eligibility Center will determine your academic status after you graduate. Remember to check your high school's list of NCAA-approved courses for the classes you have taken.

Use the following scale: A = 4 quality points; B = 3 quality points; C = 2 quality points; D = 1 quality point.

### English (4 years required)

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<th>10/7</th>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>Example: English 9</td>
<td>.5</td>
<td>A</td>
<td></td>
<td></td>
<td>(5 x 4) = 2</td>
</tr>
</tbody>
</table>

| Total English Units | Total Quality Points |

### Mathematics (3 years required)

<table>
<thead>
<tr>
<th>10/7</th>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Example: Algebra 1</td>
<td>1.0</td>
<td>B</td>
<td></td>
<td></td>
<td>(1.0 x 3) = 3</td>
</tr>
</tbody>
</table>

| Total Mathematics Units | Total Quality Points |

### Natural/physical science (2 years required)

<table>
<thead>
<tr>
<th>10/7</th>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
</table>

| Total Natural/Physical Science Units | Total Quality Points |

### Additional year in English, mathematics or natural/physical science (1 year required)

<table>
<thead>
<tr>
<th>10/7</th>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
</table>

| Total Additional Units | Total Quality Points |

### Social science (2 years required)

<table>
<thead>
<tr>
<th>10/7</th>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
</table>

| Total Social Science Units | Total Quality Points |

### Additional academic courses (4 years required)

<table>
<thead>
<tr>
<th>10/7</th>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
</table>

| Total Total Additional Academic Units | Total Quality Points |

### Core-Course GPA (16 required)

Beginning August 1, 2016, 10 core courses must be completed before the seventh semester and seven of the 10 must be a combination of English, math or natural or physical science for competition purposes. Grades and credits may be earned at any time for academic redshirt purposes.
# Division II Worksheet

This worksheet is provided to assist you in monitoring your progress in meeting NCAA initial-eligibility standards. The NCAA Eligibility Center will determine your academic status after you graduate. Remember to check your high school's list of NCAA-approved courses for the classes you have taken.

Use the following scale: A = 4 quality points; B = 3 quality points; C = 2 quality points; D = 1 quality point.

### English (3 years required)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: English 9</td>
<td>.5</td>
<td>A</td>
<td></td>
<td></td>
<td>(.5 x 4) = 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total English Units</th>
<th>Total Quality Points</th>
</tr>
</thead>
</table>

### Mathematics (2 years required)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example: Algebra 1</td>
<td>1.0</td>
<td>B</td>
<td></td>
<td></td>
<td>(1.0 x 3) = 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Mathematics Units</th>
<th>Total Quality Points</th>
</tr>
</thead>
</table>

### Natural/physical science (2 years required)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Total Natural/Physical Science Units</th>
<th>Total Quality Points</th>
</tr>
</thead>
</table>

### Additional years in English, math or natural/physical science (3 years required)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Total Additional Units</th>
<th>Total Quality Points</th>
</tr>
</thead>
</table>

### Social science (2 years required)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Total Social Science Units</th>
<th>Total Quality Points</th>
</tr>
</thead>
</table>

### Additional academic courses (4 years required)

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit</th>
<th>X</th>
<th>Grade</th>
<th>=</th>
<th>Quality Points (multiply credit by grade)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Total Additional Academic Units</th>
<th>Total Quality Points</th>
</tr>
</thead>
</table>

Total Quality Points from each subject area / Total Credits = Core-Course GPA

Quality Points / Credits = Core-Course GPA
<table>
<thead>
<tr>
<th>English</th>
<th>Social Science</th>
<th>Mathematics</th>
<th>Natural/Physical Science</th>
<th>Additional Core Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 1-2</td>
<td>US History 1-2</td>
<td>Algebra 1-2</td>
<td>Physical Science 1-2</td>
<td>Chinese/French/German/Latin/Spanish 1-2</td>
</tr>
<tr>
<td>H English 1-2</td>
<td>H US History 1-2</td>
<td>H Algebra 1-2</td>
<td>Honors Physical Science 1-2</td>
<td>Chinese/French/German/Latin/Spanish 3-4</td>
</tr>
<tr>
<td>English 3-4</td>
<td>AP US History 1-2</td>
<td>Geometry 1-2</td>
<td>Biology 1-2</td>
<td>H Chinese/French/German/Latin/Spanish 5-6</td>
</tr>
<tr>
<td>H English 3-4</td>
<td>Human Geography</td>
<td>H Geometry 1-2</td>
<td>H Biology 1-2</td>
<td>H Chinese/French/German/Latin/Spanish 7-8</td>
</tr>
<tr>
<td>English 5-6</td>
<td>AP Human Geography 1-2</td>
<td>Algebra 3-4</td>
<td>AP Biology 1-2</td>
<td>H German 9-10</td>
</tr>
<tr>
<td>AP Eng Lang &amp; Comp 1-2</td>
<td>Intro Economics</td>
<td>H Algebra 3-4</td>
<td>Anatomy &amp; Physiology 1-2</td>
<td>AP French/German/Spanish Lang 1-2</td>
</tr>
<tr>
<td>English 7-8</td>
<td>H Economics</td>
<td>Math Analysis 1-2</td>
<td>H Anatomy &amp; Physiology 1-2</td>
<td>AP Spanish Lit 1-2</td>
</tr>
<tr>
<td>AP Eng Lit &amp; Comp 1-2</td>
<td>AP Macroeconomics</td>
<td>Prob/Stat 1-2</td>
<td>Astronomy 1-2**</td>
<td>Spanish for Spanish Speakers 1-2</td>
</tr>
<tr>
<td>Creative Writing 1-2*</td>
<td>AP Microeconomics</td>
<td>PreCalc/Trig 1-2</td>
<td>H Astronomy 1-2**</td>
<td>H Spanish/Spks 3-4</td>
</tr>
<tr>
<td>Journalism 1-2</td>
<td>AP World History 1-2</td>
<td>AP Statistics 1-2</td>
<td>H Chemistry 1-2</td>
<td>IB French SL 1, 2, 3, 4</td>
</tr>
<tr>
<td>Word Study</td>
<td>Amer Government</td>
<td>AP Calc AB 1-2</td>
<td>AP Chemistry 1-2</td>
<td>IB German SL 1, 2, 3, 4</td>
</tr>
<tr>
<td>H Word Study</td>
<td>AP Govt &amp; US</td>
<td>AP Calc BC 1-2</td>
<td>Earth Science 3-4</td>
<td>IB Spanish SL 1, 2, 3, 4</td>
</tr>
<tr>
<td>IB English HL 1, 2, 3, 4</td>
<td>African-Am Hist</td>
<td>H Calculus 3</td>
<td>Environmental Science 1</td>
<td>IB Spanish SL 1, 2, 3, 4</td>
</tr>
<tr>
<td></td>
<td>American Studies</td>
<td>H Differential Equations</td>
<td>Hon Environmental Science 1-2</td>
<td>IB Theory of Knowledge 1, 2, 3, 4</td>
</tr>
<tr>
<td></td>
<td>Anthropology</td>
<td>H Enrichment Math 1-2</td>
<td>Forensic Science 1-2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>H Intro to the World Religions</td>
<td>IB Math Studies SL 1-2</td>
<td>H Forensic Science 1-2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>International Studies 1-2</td>
<td>IB Math Studies SL 3-4</td>
<td>Marine Bio 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Law &amp; Juvenile Justice</td>
<td>IB Mathematics HL 1-2</td>
<td>Physics 1-2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Omaha History</td>
<td>IB Mathematics HL 3-4</td>
<td>AP Physics 1 (1 year)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Psychology</td>
<td>IB Mathematics HL 2-4</td>
<td>AP Physics 2 (1 year)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>AP Psychology 1-2</td>
<td>IB Mathematics SL 3-4</td>
<td>AP Physics C: Elec&amp;Mag/Mechanic</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sociology</td>
<td></td>
<td>H Sci Seminar 1-2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IB History HL 1, 2, 3, 4</td>
<td></td>
<td>IB Biology HL 1, 2, 3, 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IB Psychology HL 1, 2, 3, 4</td>
<td></td>
<td>IB Biology SL 1-2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IB Psychology SL 1-2</td>
<td></td>
<td>IB Chemistry HL 1, 2, 3, 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>IB Chemistry SL 1-2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>IB Physics HL 1, 2, 3, 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>IB Physics SL 1-2</td>
<td></td>
</tr>
</tbody>
</table>

* Only 1 year of Creative Writing can be used towards NCAA Calculations.

** NCAA will accept either Astronomy or H. Astronomy when making NCAA Calculations, but not both.
CENTRAL HIGH SCHOOL MAP