Dear Student and Parent(s)/Guardians,

High school is an exciting time to explore opportunities and develop knowledge, skills, perspectives and friendships. At Burke High School, our staff, students and curricular offerings support student growth in all those areas. A variety of course offerings and programs are available, as well as numerous athletic teams and activities to belong to.

Students at Burke can choose from 33 Advanced Placement® (AP) courses and numerous Dual Enrollment (DE) credit classes. For the 2019-20 school year we are excited to announce Burke’s acceptance by the College Board to offer an AP Capstone® Diploma Program! We will be the first high school in the state of Nebraska to offer the AP Capstone courses. If interested, please read more on page 20. College credit is available in AP/DE courses and may help offset the cost of college attendance. We also offer career and technical education programs and academies that lead directly to career fields.

Another difference-maker at Burke High is our diverse student population. Learning, performing, interacting, and competing alongside your Burke classmates exposes students to various perspectives, ideas, and understanding. Ultimately, Burke Bulldogs are well prepared for a global and diverse world to continue to learn, live, and work.

This Course Guide provides information to help students and parents make important course decisions. In general, high school students may not always see the opportunities that result from taking the most challenging coursework they can handle. Therefore, we encourage students to discuss their goals and choices with parents, teachers, and school counselors.

Proper course selection is vital to student achievement and satisfaction. It is an important step for developing educational plans to support students beyond high school. This Course Guide can assist you with course selection. Experience has shown that greater benefits come to those who plan thoughtfully and participate fully. Please contact us if we can help you with these important decisions.

Sincerely,

[Signature]

Gaye Lannan, Principal
OMAHA PUBLIC SCHOOLS MISSION STATEMENT

Omaha Public Schools prepares all students to excel in college, career and life.

BURKE HIGH SCHOOL MISSION STATEMENT

Burke High School is dedicated to providing an exemplary education through the collaborative efforts of students, parents, staff and community.

WE BELIEVE:

* In the worth and dignity of each individual.
* In the ability of all students to learn.
* In the development of skills that enable students to function effectively in a global and technological society.
* In the development of processes for life-long learning and responsible citizenship.

In providing a safe environment that nurtures, challenges, and enables individuals to achieve their full potential.

Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex (including pregnancy), marital status, sexual orientation, disability, age, genetic information, gender identity, gender expression, citizenship status, veteran status, political affiliation or economic status in its programs, activities and employment and provides equal access to the Boy Scouts and other designated youth groups. The following individual has been designated to accept allegations regarding non-discrimination policies: Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (402-557-2001). The following persons have been designated to handle inquiries regarding the non-discrimination policies: Director for the Office of Equity and Diversity, 3215 Cuming St, Omaha, NE 68131 (402-557-2790).

Las Escuelas Públicas de Omaha no discrimina 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 (402-557-2790).

ADMINISTRATION

Mrs. Gaye Lannan……………………………………………………………………………………………………… Principa
Mr. Chad Price……………………………………………………………………………………………………………… Assistant Principal - Academic Director
Dr. Andrew Walters…………………………………………………………………………………………………………… Assistant Principal - Activities Director
Mr. Jason Williams…………………………………………………………………………………………………………… Assistant Principal – Athletic Director

CURRICULUM SPECIALISTS/DEPARTMENT HEADS

Career & Tech Ed, Library Sciences, Social Sciences, Technology, FOCUS Academy Director, Air and Space Academy Director……………………………………………………………………………………………… Andrew Brooks
Special Education……………………………………………………………………………………………………………… Joy Kusler
Fine and Performing Arts, English, ESL, World Language, Dual Enrollment/Advanced Placement Coordinator……………………………………………………………………………………………………………… Jane Luethge
Math, P.E., JROTC, Science, Academic Data Representative…………………………………………………………… Katie Mauseth

COUNSELORS

Director of School Counseling (Students A, F, X) ……………………………………………………………………………………Hope Smejkal
School Counselor (Students N, T, U, V, W) ……………………………………………………………………………………………… Don Ferree
School Counselor (Students J, K, R) …………………………………………………………………………………………………………… Michaela Moriarty
School Counselor (Students C, G, Y) …………………………………………………………………………………………………………… Nadine Reyes
School Counselor (Students D, I, S, Z) …………………………………………………………………………………………………………… Susan Richards
School Counselor (Students M, O, Q) …………………………………………………………………………………………………………… Kimberly Schumacher
School Counselor (Students B,E,P) …………………………………………………………………………………………………………… Katie Stichler
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<td>Nebraska Career and Technical Education Information</td>
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<td>Burke Advanced Placement Program</td>
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<td>Course Audit Guidelines</td>
<td>88-89</td>
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<td>Course Placement Appeal</td>
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GENERAL REGISTRATION INFORMATION

Burke High School is a comprehensive high school with many educational programs. No single pattern of subject choices is best for all students. The student’s abilities, interests, and educational/career goals are important factors when determining subject choices.

Students, discuss your class choices for next year with parents, teachers, and a school counselor. A school counselor will help you with questions that concern your abilities, achievements, interests, and career possibilities.

Each spring, counselors register students for next year. Therefore, course selections must be made carefully. Course selections are the basis for planning offerings, teacher assignments, and difficult budgetary decisions. The deadline to change your registration course requests is **APRIL 19, 2019**.

**1. Course Request Changes**- Students have the first week (5 school days) of a semester to add a class in place of a study hall. Schedules will NOT be rearranged to accommodate Class Release requests. Students have the first three weeks of a semester (15 school days) to drop a class for a study hall without penalty, provided they maintain the minimum credit requirements. Courses dropped after the first three weeks will result in a grade of F for that semester and will appear on the transcript. Sometimes courses conflict with other course selections. If this happens, a difficult decision may have to be made by the student and his/ her parent/guardian concerning the classes the student wished to take.

**2. Normal Class Load**- The average class load recommendation is seven or eight credits per semester; the maximum is nine. Seniors have the option of requesting six credits each semester. With a parent signature, seniors may take only five credits. **NOTE**: Colleges and employers are looking for rigor and may have reservations about the part-time course load. The graduation requirements prescribe a minimum of 49 credits. It is very important that you register for the correct number of courses each semester. Balance your classes over four years.

**3. Electives**- Elective courses are opportunities to add depth/breadth to a student’s Career Cluster Choice and expand existing career interests.

**4. College Preparatory Courses**- Students who plan to attend college should select the highest academic course commensurate with their ability. Over the four years, college-bound students should register for a minimum of four semesters of world language, six semesters of science, seven semesters of social studies, and eight semesters of English and math. Refer to University of Nebraska System Admissions Standards (p.11) as a guideline.

**5. Career Center**- Sophomores, juniors, and seniors have the opportunity to take classes at the Career Center. The Career Center, as an off-campus extension of the home high school, provides opportunities for students from all Omaha Public High Schools to study electives that are not available elsewhere. Students receive transportation from their home school to the Career Center for all programs except for Zoo Partnership and UNMC High School Alliance. The Career Center Schools is located at 3230 Burt Street, in the west wing of the Teacher Administrative Center. Please refer to the Career Center Course Guide for class offerings. Students must complete an application to be considered for these courses.

**6. Honors/AP Courses**- Courses provided for motivated students who are interested in pursuing challenging coursework. Student placement into the Honors and Advanced Placement course indicates the student’s willingness for the challenge and commitment for the duration of the course. Parent/Guardian permission required. Honors/AP courses are weighted one additional grade point for GPA Calculation.
7. **Course Placement Appeal**: If a student/parent wishes to appeal a course placement decision, the student’s assigned counselor should be contacted. *(See page 90).*

8. **Course Audit**: Qualifying students may take a class without the benefit of a grade or credit. *(See pages 88-89).*

9. **Dual Enrollment Opportunities**: Courses marked with a + plus sign may be eligible for Dual Enrollment with Omaha area colleges. Dual Enrollment status is dependent on the instructor’s credentials with the college. Therefore, all Dual Enrollment courses are subject to change from year to year.

10. **Credit Recovery Guidelines** – The purpose of credit recovery is to provide opportunities for students to earn credits to meet graduation requirements for courses they have failed. Students who earn a grade of F in a required course must earn credit through any of the following approved retake options (I, II, III, IV, V, and VI). Every OPS high school, including Burke High School, will offer, dependent upon enrollment, options I, III, IV and V. In addition, high schools may also offer options II and VI pending enrollment.

   I. Retake the same course in night school or summer school.
   II. Retake the same course the following semester or school year, when available. (D or F option)
   III. Retake the same course in a before or after-hours program.
   IV. Retake the same course during the school day with same content standards/curriculum but taught using a different instructional delivery (i.e., sheltered courses), when available.
   V. Retake an approved elective course that meets OPS graduation requirements and matches the curriculum area of the required course.
   VI. Retake a course that focuses on the content standards that were failed by the student in the previous course. (This course will be offered either in summer school or as a semester class during the school year.)

11. **Withdrawal from a Course/Schedule Changes/Request to Drop a Course** – Students register in the spring for the following year. A student will have two opportunities to select courses:

   1. At the time of registration.
   2. Following the original registration when the student receives a copy of courses selected.

Course registration changes for the following year will be made only:

   1. If the course was completed during summer school.
   2. If the student must repeat a course that was failed during the previous school year.
   3. If a conflict in the schedule cannot be adjusted without dropping or changing a course.
   4. If the student needs an additional course to meet credit requirements.

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

Procedures for withdrawing from a course:

   1. **Conversation with the teacher**
   2. **Counselor conferencing with teacher and student**
   3. **Problem solving with all effected parties**

   *The first step is to navigate through the schedule change. If it is determined that other faculty need to be included, please use the “Schedule Change/Request to Drop a Course” form. Please see School Counseling for a copy of the OPS Schedule Change/Request to Drop a Course form. Use the “Schedule Change/Request to Drop a Course” form as a last resort.*
ATHLETIC PROGRAM

The athletic program at Burke is designed to provide opportunities for male and female athletes who desire competitive activity in sports. In order to participate in interscholastic athletic competition, a student must abide by eligibility rules of the Nebraska School Activities Association and Burke High School and have a current physical examination on file with the school nurse.

**FALL** sports include girls’ golf, boys’ and girls’ cross country, softball, volleyball, football, and boys’ tennis.

**WINTER** sports include boys’ and girls’ swimming, boys’ and girls’ basketball and wrestling.

**SPRING** sports include boys’ and girls’ soccer, boys’ and girl’s track, baseball, girls’ tennis, boys’ golf.

See NCAA Freshman-Eligibility Standards on pages 8 and 9.
DIVISION I ACADEMIC REQUIREMENTS

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

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

- **ENGLISH**: 4 years
- **MATH (Algebra I or higher)**: 3 years
- **NATURAL/PHYSICAL SCIENCE** (including one year of lab, if offered): 2 years
- **ADDITIONAL**: (English, math, or natural/physical science): 1 year
- **SOCIAL SCIENCE**: 2 years
- **ADDITIONAL COURSES** (Any area listed to the left, foreign language or comparative religious/philosophy): 4 years

Full Qualifier
- Complete 16 core courses.
- Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
- Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn 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.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.
Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of 0000 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 subscores from each test are used for the academic certification process.

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division I college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core course GPA you need to meet NCAA Division I requirements.

For more information on the SAT, click here to visit the College Board’s website.

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<th>Old SAT (Prior to 3/2016)</th>
<th>ACT Sum</th>
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*Tentative concordance between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.
### 2018-19 NCAA Eligibility Center Core Courses-Burke High School

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<td>Human Geography</td>
<td>H Geometry 1-2</td>
<td>H Biology 1-2</td>
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<td>English 5-6</td>
<td>AP Human Geog 1-2</td>
<td>Algebra 3-4</td>
<td>AP Biology 1-2</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>
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<td>English 7-8</td>
<td>H Economics</td>
<td>Math Analysis 1-2</td>
<td>H Anatomy &amp; Physiology 1-2</td>
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<tr>
<td>AP Eng Lit &amp; Comp 1-2</td>
<td>AP Macroeconomics</td>
<td>Prob/Stat 1-2</td>
<td>Astronomy**</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>
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<tr>
<td>Honors Debate 1-2</td>
<td>Amer Government</td>
<td>AP Calc AB 1-2</td>
<td>AP Chemistry 1-2</td>
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<tr>
<td>H Adv Debate 1-2</td>
<td>AP Govt &amp; Pol: Comp</td>
<td>H Calculus 3</td>
<td>Environmental Science 1-2</td>
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<td>Journalism 1-2</td>
<td>Zoo Hon Government</td>
<td>H Diff Equations</td>
<td>Hon Environmental Science 1-2</td>
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<tr>
<td>Word Study</td>
<td>African-Am Hist</td>
<td></td>
<td>Forensic Science 1-2</td>
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<tr>
<td>H Word Study</td>
<td>AP European History 1-2</td>
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<td>Nuclear Science 1-2</td>
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<td>Law &amp; Juvenile Justice</td>
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<td>H Nuclear Science 1-2</td>
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<td></td>
<td>Omaha History</td>
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<td>Meteorology</td>
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<td>Psychology</td>
<td></td>
<td>Physics 1-2</td>
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<tr>
<td></td>
<td>AP Psychology 1-2</td>
<td></td>
<td>AP Physics 1 (1 year)</td>
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<td></td>
<td>Sociology</td>
<td></td>
<td>AP Physics C: Elec&amp;Mag/Mechan</td>
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<td></td>
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<td>H Sci Seminar 1-2</td>
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### Additional Core Courses

<table>
<thead>
<tr>
<th>Chinese/French/German/Spanish 1-2</th>
<th>AP Spanish Lit 1-2</th>
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<tbody>
<tr>
<td>Chinese/French/German/Spanish 3-4</td>
<td>Spanish for Spanish Speakers 1-2</td>
</tr>
<tr>
<td>H Chinese/French/German/Spanish 5-6</td>
<td>H Spanish/Sphrs 3-4</td>
</tr>
<tr>
<td>H Chinese/French/German/Spanish 7-8</td>
<td>H Spanish/Sphrs 5-6</td>
</tr>
<tr>
<td>AP French/German/Spanish 1-2</td>
<td></td>
</tr>
</tbody>
</table>

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

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

〜NCAA college bound athletes need 16 core courses and qualifying ACT scores to be eligible for NCAA (see sliding scale on NCAA Eligibility Center website).

〜 A year long class is equal to 1 core course (e.g. English 1-2 = 1 core course), and a semester long class is equal to 0.5 core courses (e.g. Sociology = 0.5 core courses).

〜 16 core classes: 4 years English, 3 years Math (Alg 1 or higher), 2 years Science, 1 year additional Eng, Math, or Sci, 2 years Soc. Science, 4 years Additional Courses

〜 Student Athletes need 10 courses completed at the end of junior year and at least 7 core courses have to be in the area of English, math, or natural/physical science.
# Omaha Public Schools

## Graduation & College Entrance Requirements

<table>
<thead>
<tr>
<th>SUBJECT</th>
<th>OPS GRADUATION REQUIREMENTS</th>
<th>COLLEGE ENTRANCE REQUIREMENTS*</th>
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<tbody>
<tr>
<td></td>
<td>CREDITS</td>
<td>YEARS</td>
</tr>
<tr>
<td>English</td>
<td>8 CREDITS</td>
<td>4 years</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>
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<tr>
<td></td>
<td>Grade 11 – English 6 &amp; 6</td>
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<td>Grade 12 – English 7 &amp; 8</td>
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<tr>
<td>Social Studies</td>
<td>7 CREDITS</td>
<td>3 years</td>
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<tr>
<td></td>
<td>Grade 9 – U.S. History 1 &amp; 2</td>
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<td>Grade 10 – Human Geography &amp; Intro to Economics</td>
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<tr>
<td></td>
<td>Grade 11 – World History 1 &amp; 2</td>
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<tr>
<td></td>
<td>Grade 12 – American Government</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>6 CREDITS</td>
<td>3 years</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>
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<tr>
<td></td>
<td>Grade 11 – Math as Recommended</td>
<td></td>
</tr>
<tr>
<td></td>
<td>** 6 CREDITS</td>
<td>3 years</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>
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<td></td>
<td>Grade 11 – Science Elective</td>
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<tr>
<td>Science</td>
<td>4 CREDITS</td>
<td>2–3 years</td>
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<td>Physical Education</td>
<td>1 CREDIT</td>
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<tr>
<td>Human Growth &amp; Development</td>
<td>1 CREDIT</td>
<td>Grade 12 – Personal Finance</td>
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<tr>
<td>Personal Finance</td>
<td>1 CREDIT</td>
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<tr>
<td></td>
<td>** 16 CREDITS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Consider education plans and interests</td>
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<tr>
<td>Electives</td>
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<tr>
<td>World Language</td>
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## TOTAL

<table>
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<tr>
<th>TOTAL</th>
<th>49 CREDITS REQUIRED</th>
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<td>For all OPS High Schools</td>
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### RECOMMENDED ON TRACK INDICATORS

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

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*Omaha Public Schools does not discriminate on the basis of race, color, national origin, religion, sex (including pregnancy), marital status, sexual orientation, disability, age, genetic information, gender identity, gender expression, citizenship status, veteran status, political affiliation or economic status in its programs, activities and employment and provides equal access to the Boy Scouts and other designated youth groups. The following individuals have been designated to handle inquiries regarding the non-discrimination policies: Director for the Office of Equity and Diversity, 3215 Cuming Street, Omaha, NE 68131 (402-554-2641) and Associate Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (402-554-2650). The following persons have been designated to handle inquiries regarding the non-discrimination policies regarding students: Director for the Office of Equity and Diversity, 3215 Cuming Street, Omaha, NE 68131 (402-554-2641) and Associate Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (402-554-2650). The following persons have been designated to handle inquiries regarding the non-discrimination policies regarding employees: Director for the Office of Equity and Diversity, 3215 Cuming Street, Omaha, NE 68131 (402-554-2641) and Associate Superintendent of Schools, 3215 Cuming Street, Omaha, NE 68131 (402-554-2650).*
Grade 9  Harry A. Burke High School Registration Form 2019-2020  Grad Year 2023

Directions:
- For detailed information on course descriptions/prerequisites, check the course guide: https://burke.ops.org (academics tab).
- Register for a minimum of 7 courses per semester by placing an X in the box next to the course. 8 courses per semester are recommended.
- Choose two additional courses as alternates by placing an "A" after the course name.
- Sign the registration sheet (both student and parent).

Key:
- An asterisk (*) after a course name indicates a prerequisite or audition is required for the class. Review the course guide book for detailed information.
- The words (1 Sem) after a course indicates the course is a 1 semester course.

A PARENT/GUARDIAN SIGNATURE IS REQUIRED TO COMPLETE REGISTRATION.
By signing, I understand that ALL course registration choices are a commitment. No course changes will be made after the registration deadline.

<table>
<thead>
<tr>
<th>ENGLISH - REQUIRED (choose one)</th>
<th>Parent Signature</th>
<th>Date</th>
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<tbody>
<tr>
<td>[ ] 010341/2 English 1-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[ ] 010351/2 Hon English 1-2*</td>
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<table>
<thead>
<tr>
<th>SOCIAL STUDIES - REQUIRED (choose one)</th>
<th>Parent Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] 030901/2 US History 1-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[ ] 030911/2 Hon US History 1-2*</td>
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<tr>
<td>[ ] 030341/2 AP US History 1-2</td>
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<th>MATH - REQUIRED (choose one)</th>
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<tr>
<td>[ ] 040161/2 Pre-Algebra 1-2</td>
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<tr>
<td>[ ] 040271/2 Algebra 1-2</td>
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<tr>
<td>[ ] 040281/2 Hon Algebra 1-2*</td>
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<tr>
<td>[ ] 040351/2 Geometry 1-2*</td>
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<td>[ ] 030361/2 Hon Geometry 1-2</td>
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<td>[ ] 040411/2 Hon PreCalc/Trig 1-2*</td>
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<th>SCIENCE - REQUIRED (choose one)</th>
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<tbody>
<tr>
<td>[ ] 060501/2 Physical Science 1-2</td>
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<tr>
<td>[ ] 060531/2 Hon Physical Science 1-2</td>
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</tr>
<tr>
<td>[ ] 060431/2 Hon Biology 1-2*</td>
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<table>
<thead>
<tr>
<th>PHYSICAL EDUCATION/ROTC/BAND - REQUIRED (choose at least one)</th>
<th>Parent Signature</th>
<th>Date</th>
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<tbody>
<tr>
<td>[ ] 070181/2 Physical Education</td>
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<tr>
<td>[ ] 070811/2 JROTC 1-2</td>
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<tr>
<td>[ ] 070641/2 Hon JROTC 1-2</td>
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<tr>
<td>[ ] 070321 Swm/Aquatics 1 (1 Sem)</td>
<td>190661/2 Hon Concert Band 1-2*</td>
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INFO TECH FUNDAMENTALS - SUGGESTED

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<th>WORLD LANGUAGES</th>
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<tr>
<td>[ ] 160501/2 Spanish 1-2</td>
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<tr>
<td>[ ] 161901/2 Chinese 1-2</td>
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<tr>
<td>[ ] 160301/2 French 1-2</td>
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<tr>
<td>[ ] 160401/2 German 1-2</td>
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<tr>
<td>[ ] 16921/2 Spanish 3-4*</td>
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<td></td>
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<tr>
<td>[ ] 161901/2 Chinese 3-4*</td>
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<tr>
<td>[ ] 160311/2 French 3-4*</td>
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<td></td>
</tr>
<tr>
<td>[ ] 160411/2 German 3-4*</td>
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<tr>
<td>[ ] 160551/2 Hon Spanish 5-6*</td>
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<tr>
<td>[ ] 161881/2 Hon Chinese 5-6*</td>
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</tr>
<tr>
<td>[ ] 160351/2 Hon French 5-6*</td>
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<td></td>
</tr>
<tr>
<td>[ ] 160451/2 Hon German 5-6*</td>
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<tr>
<td>[ ] 160551/2 Spanish for Spanish Speakers 1-2*</td>
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<td></td>
</tr>
<tr>
<td>[ ] 160861/2 Hon Spanish for Spanish Speakers 3-4*</td>
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<thead>
<tr>
<th>ENGLISH ELECTIVES</th>
<th>Parent Signature</th>
<th>Date</th>
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<tbody>
<tr>
<td>[ ] 020561/2 Debate 1-2</td>
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</tr>
<tr>
<td>[ ] 020411/2 Journalism 1-2</td>
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<tr>
<td>[ ] 021471/2 Hon-Adv Yearbook 1-2</td>
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<tr>
<td>[ ] 020261 Word Study (1 Sem)</td>
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<tr>
<th>SOCIAL STUDIES ELECTIVES</th>
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<tbody>
<tr>
<td>[ ] 031610 Native American Culture &amp; Identity (1 Sem)</td>
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<td>[ ] 030521 African American History (1 Sem)</td>
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<tr>
<td>[ ] 010921 Hon Humanities Survey* (1 Sem)</td>
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<table>
<thead>
<tr>
<th>SCIENCE ELECTIVES</th>
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<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] 060801 Astronomy (1 Sem)</td>
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<thead>
<tr>
<th>AIR &amp; SPACE ACADEMY ELECTIVES</th>
<th>Parent Signature</th>
<th>Date</th>
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<tbody>
<tr>
<td>[ ] 060801 Astronomy (1 Sem)</td>
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<tr>
<td>[ ] 063722 Intro to Aircraft &amp; Rocketry (1 Sem)</td>
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<table>
<thead>
<tr>
<th>MILITARY SCIENCE ELECTIVES</th>
<th>Parent Signature</th>
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<tbody>
<tr>
<td>[ ] 070781 Beg, Marksmanship* (1 Sem)</td>
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</tr>
<tr>
<td>[ ] 070631 JROTC Color Guard* (1 Sem)</td>
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</table>

*Students must be enrolled in JROTC to participate in Marksmanship or Color Guard.

Counselor Initials/Date: __________

More classes on back >>>>>>>>>>>
BUSINESS MARKETING & INFORMATION TECHNOLOGY ELECTIVES
- 131421 Found of Computing (1 sem)
- 131431 Digital Design (1 Sem)
- 131441 Hon Digital Design (1 Sem)
- 131471 Intro to Digital Media (1 Sem)
- 131481 Hon Intro to Digital Media (1 Sem)
- 120201 Pinc of Bus Mktg & Mgt (1 Sem)
- 120204 Hon Pinc of Bus Mktg & Mgt (1 Sem)
- 131501 IT Team Management (1 Sem)
- 131511 Intro to Sports Analytics* (1 Sem)

FINE ARTS/PERFORMING ARTS
- 110211/2 Art 1-2
- 110461/2 Pottery 1-2
- 110561/2 Comp. Graphics 1-2
- 020631 Drama 1 (1 Sem)
- 020632 Drama 2* (1 Sem)
- 020681/2 Stagecraft 1-2*
- 190791/2 Honors Orchestra*
- 191061/2 Men's Chorus
- 190311/2 Treble Chorus
- 190281/2 Concert Choir*
- 190401/2 Hon Treble Ensemble*
- 190381/2 Prep Band*
- 190631/2 Honors Jazz Band*

HUMAN SCIENCE & EDUCATION
- 140661/2 Clothing & Textiles 1-2
- 140141 Sports Nutrition (1 Sem)
- 140221/2 Comp. Des. Fashion 1-2
- 140621/2 Foods 1-2
- 140721/2 Intro to Child Dev. 1-2

SKILLED & TECHNICAL SCIENCE ELECTIVES
- 170211/2 CAD/Design Engineering 1-2
- 170331/2 Industrial Materials 1-2

SPECIAL EDUCATION
- 090761/2 Affective Skills 1-2*
- 011181/2 Literacy Skills 1-2*
- 090321/2 Reading S 1-2* (Hearing Impaired)

ENGLISH LANGUAGE LEARNERS
- 155191/2 ESL 1-2*
- 155351/2 ESL 3-4*
- 013071/2 English ELL 1-2*
- 155341/2 ESL Reading 1-2*
- 155171/2 ESL Reading 3-4*
- 155251/2 ESL Reading 5-6*
- 159411/2 ESL Soc St Found 1-2*
- 159561/2 ESL Science Found 3-4*
- 031331/2 US History ELL 1-2*
- 060901/2 Physical Science ELL 1-2*

ACADEMIC EXPANSION (STUDY HALL) - NON CREDIT COURSE
It is recommended that freshmen students attempt a full course load to maximize opportunities to earn credits early in the high school experience. If a study hall is needed, please have a conversation with your assigned School Counselor.

<table>
<thead>
<tr>
<th>SUBJECT AREA</th>
<th>OPS GRADUATION REQUIREMENTS</th>
<th>COLLEGE ENTRANCE REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>6 Credits                                                                    - Grade 9 - English 1-2</td>
<td>4 years - Fulfilled by OPS requirements</td>
</tr>
<tr>
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<td>- Grade 10 - English 3-4</td>
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<td>- Grade 11 - English 5-6</td>
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<tr>
<td></td>
<td>- Grade 12 - English 7-8</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td>7 Credits                                                                    - Grade 9 - US History 1-2</td>
<td>3 years - Fulfilled by OPS requirements</td>
</tr>
<tr>
<td></td>
<td>- Grade 10 - Human Geography/Econ</td>
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<td></td>
<td>- Grade 11 - World History 1-2</td>
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<tr>
<td></td>
<td>- Grade 12 - American Government</td>
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<tr>
<td>Mathematics</td>
<td>6 Credits                                                                    - Grade 9 - Math as Recommended</td>
<td>3 years - Algebra 1-2, Geometry 1-2, Algebra 3-4</td>
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<td>- Grade 10 - Math as Recommended</td>
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<tr>
<td></td>
<td>- Grade 11 - Math as Recommended</td>
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</tr>
<tr>
<td>Science</td>
<td>6 Credits                                                                    - Grade 9 - Physical Science 1-2</td>
<td>3 years - Fulfilled by OPS requirements</td>
</tr>
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<td>- Grade 10 - Biology 1-2</td>
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<td>- Grade 11 - Science Elective</td>
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<tr>
<td>Physical Education</td>
<td>4 Credits                                                                     N/A</td>
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</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 (Grade 12)</td>
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<tr>
<td>World Language</td>
<td>N/A</td>
<td>2-3 years of the same language</td>
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</table>

Total: 49 CREDITS REQUIRED

Additional Information
- One semester of successfully completing a course with a grade of A, B, C or D is equal to one credit.
- Freshman are required to check 7 for credit courses per semester.
- Freshman should earn at least 14 credits to be considered on track for graduation.

Counselor Notes:

STUDENTS HAVE UNTIL APRIL 19, 2019 TO FINALIZE THEIR COURSE REGISTRATION CHOICES
Grade 10  Harry A. Burke High School Registration Form 2019-2020  Grad Year 2022

Student Name: ___________________________  Student ID Number: ___________________________
Parent/Guardian Phone: ___________________  Student Cell Phone: ___________________________

Directions:
• For detailed information on course descriptions/prerequisites, check the course guide: https://burke.ops.org (academics tab).
• Register for a minimum of 7 courses per semester by placing an X in the box next to the course. 8 courses per semester are recommended.
• Choose two additional courses as alternates by placing an "A" after the course name.
• Sign the registration sheet (both student and parent).

Key:
• An asterisk (*) after a course name indicates a prerequisite or audition is required for the class. Review the course guide book for detailed information.
• The words (1 Sem) after a course indicates the course is a 1 semester course.
• AP ___ after a course name indicates teacher permssion is required. Students are responsible for getting the appropriate teachers initials.

A PARENT/GUARDIAN SIGNATURE IS REQUIRED TO COMPLETE REGISTRATION.
By signing, I understand that ALL course registration choices are a commitment. No course changes will be made after the registration deadline.

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<thead>
<tr>
<th>ENGLISH - REQUIRED (choose one)</th>
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<tr>
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<tr>
<td>□ 020561/2 Debate 1-2*</td>
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More classes on back

14
AIR & SPACE ACADEMY ELECTIVES

- 063722 Intro to Aircraft & Rocketry* (1 Sem)
- 063711/2 Hon Intro to Aviation & Aerospace*

BUSINESS MARKETING & INFORMATION TECHNOLOGY ELECTIVES

- 131431 Digital Design (1 Sem)
- 131441 Hon Digital Design (1 Sem)
- 130281/2 Web Design 1-2*
- 130721/2 Hon Web Design Prac 1-2*
- 120791/2 Mgl and Leadership 1-2
- 120821/2 Hon Mgl and Leadership 1-2
- 120171/2 Accounting 1-2*
- 120111/2 Hon Accounting 1-2*
- 131511 Intro to Sports Analytics* (1 Sem)

FINE ARTS

- 110211/2 Art 1-2
- 110251/2 Art 3-4*
- 110321/2 Hon Art 3-4*
- 110431/2 Applied Design 1-2*
- 110561/2 Computer Graphics 1-2
- 110571/2 Computer Graphics 3-4*
- 110581/2 Computer Graphics 5-6*

PERFORMING ARTS

- 020631 Drama 1 (1 Sem)
- 020632 Drama 2 (1 Sem)
- 021731/2 Hon Adv Drama 3-4*
- 021831/2 Hon Adv Drama 5-6*
- 020681/2 Stagecraft 1-2* P__
- 020691/2 Adv Stagecraft 1-2* P__

HUMAN SCIENCE & EDUCATION

- 070931 Human Growth (1 Sem)
- 070981 Hon Human Growth (1 Sem)
- 140721/2 Intro to Child Dev 1-2
- 140731/2 Hon Child Dev 1-2*
- 140661/2 Clothing & Textiles 1-2
- 140671/2 Clothing & Textiles 3-4*
- 140631/2 Culinary Skills 1-2* P__
- 140221/2 Comp. Des. Fashion 1-2
- 140231/2 CAD Fashion 3-4*
- 140771/2 Teen Parenting 1-2
- 140781/2 Teen Parenting 3-4*

SKILLED & TECHNICAL SCIENCE ELECTIVES

- 170331/2 Industrial Materials 1-2
- 170351/2 Industrial Materials 3-4*
- 170421/2 Engineering Tech 1-2
- 172141/2 Intro to Robotics 1-2*
- 170211/2 CAD/Design Engineering 1-2
- 170221/2 CAD/Design Engineering 3-4*

FOCUS PROGRAM

- 130961/2 21st Century Communications*
- 130971/2 Hon 21st Century Communications*

SPECIAL EDUCATION

- 090761/2 Affective Skills ISP 1-2*
- 090720/1 Adv Learn Skills 1-2* (HI)
- 090321/2 Reading S 1-2* (HI)
- 100071/2 Work Based Learning*

ENGLISH LANGUAGE LEARNERS

- 155191/2 ESL 1-2*  
- 155312/2 ESL 3-4*
- 010371/2 English ELL 1-2*

CREDIT RECOVERY

- 019TEMP03 Physical Science 1-2*
- 019TEMP05 Biology 1-2*

AP CAPSTONE PROGRAM

- 010801/010802 AP Seminar*

ACADEMIC EXPANSION (STUDY HALL) - NON CREDIT COURSE

It is recommended that sophomore students attempt a full course load to maximize opportunities to earn credits early in the high school experience. If a study hall is needed, please have a conversation with your assigned School Counselor.

Additional Considerations for AP Students.

Enrollment in more than 3 AP courses is permitted, but should be given careful consideration. Each individual student has unique time commitments and college and career aspirations, all of this information along with their academic potential should be considered when registering for courses.

Career Center

See the Career Center application for more information on sophomore course offerings. The application for the Career Center must be signed and attached to this registration sheet by the registration deadline of April 19th, 2019.

Counselor Notes:

STUDENTS HAVE UNTIL APRIL 19, 2019 TO FINALIZE THEIR COURSE REGISTRATION CHOICES.
Grade 11  Harry A. Burke High School Registration Form 2019-2020  Grad Year 2021
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Parent/Guardian Phone: _____________________  Student Cell Phone: _____________________________

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</table>
# AIR & SPACE ACADEMY ELECTIVES

- 063711/2 Hon Intro to Aviation & Aerospace*
- 172401 UAV Drone Pilot Training* (1 Sem)
- 035031 Aviation Safety* (1 Sem)
- 03111 History of Aviation* (1 Sem) P__
- 060341 Intro to Meteorology* (1 Sem) P__

# BUSINESS MARKETING & INFORMATION TECHNOLOGY ELECITIVES

- 131431 Digital Design (1 Sem)
- 131441 Hon Digital Design (1 Sem)
- 130281/2 Web Design 1-2*
- 130721/2 Hon Web Design Pract 1-2*
- 131421 Found. of Computing (1 Sem)
- 120621 Hon Entrepreneurship* (1 Sem)

# FINE ARTS

- 110211/2 Art 1-2
- 110231/2 Art 3-4*
- 110291/2 Art 5-6*

# PERFORMING ARTS

- 020631 Drama 1 (1 Sem)
- 020632 Drama 2 (1 Sem)
- 021731/2 Hon Adv Drama 3-4*
- 021831/2 Hon Adv Drama 5-6*

# HUMAN SCIENCE & EDUCATION

- 070931 Human Growth (1 Sem)
- 070981 Hon Human Growth (1 Sem)
- 140141 Sports Nutrition (1 Sem)
- 140791/2 Family Living 1-2
- 140841/2 Hon Intro to Education 1-2*

# SKILLED & TECHNICAL SCIENCE ELECTIVES

- 170331/2 Industrial Materials 1-2
- 170351/2 Industrial Materials 3-4*
- 170431/2 Engineering Tech 1-2
- 170431/2 Engineering Tech 3-4*
- 170401/2 Industrial Materials 5-6*

# FOCUS PROGRAM

- 130411/2 Leadership for Modern Community*
- 130413/2 Hon Leadership for Modern Community* 

# SPECIAL EDUCATION

- 090761/2 Affective Skills 1-2*
- 090762/1 Adv Learn Skills 1-2* (HI)
- 090720/1 Adv Learn Skills 1-2* (HI)
- 090321/2 Reading S 1-2* (HI)
- 100071/2 Work Based Learning*

# ENGLISH LANGUAGE LEARNERS

- 155191/2 ESL 1-2*
- 155311/2 ESL 3-4*
- 010371/2 English ELL 1-2*

# CREDIT RECOVERY

- 019TEMPO3 Physical Science 1-2*
- 019TEMPO5 Biology 1-2*
- 010771 Writing Skills* (1 Sem)
- 011171 English Review* (1 Sem)

# CLASS RELEASE - The class release form must be signed by parent/guardian and attached to the registration sheet.

- Late Start
- Early Release

# AP CAPSTONE PROGRAM

- 010801/010802 AP Seminar*

# ACADEMIC EXPANSION (STUDY HALL) - NON CREDIT COURSE

| X00481 Academic Expansion (1st Semester) |
| X00482 Academic Expansion (2nd Semester) |

**Additional Considerations for AP Students**

Enrollment in more than 3 AP courses is permitted, but should be given careful consideration. Each individual student has unique time commitments and college and career aspirations, all of this information along with their academic potential should be considered when registering for courses.

**Career Center**

See the Career Center application for more information on sophomore course offerings. The application for the Career Center must be signed and attached to this registration sheet by the registration deadline of April 10th, 2019.

**UNMC High School Alliance**

To apply for the UNMC High School Alliance program students must complete the online application by March 1st, 2019. For more information about the UNMC application process go to www.unmc.edu/alliance

**STUDENTS HAVE UNTIL APRIL 19, 2019 TO FINALIZE THEIR COURSE REGISTRATION CHOICES.**
Grade 12  Harry A. Burke High School Registration Form 2019-2020  Grad Year 2020

Student Name:  Student ID Number:  Parent/Guardian Phone:  Student Cell Phone:  

Directions:
• For detailed information on course descriptions/prerequisites, check the course guide: https://burke.ops.org (academics tab).
• Register for a minimum of 7 courses per semester by placing an X in the box next to the course. 8 courses per semester are recommended.
• Choose two additional courses as alternates by placing an “A” after the course name.
• Sign the registration sheet (both student and parent).

Key:
• An asterisk (*) after a course name indicates a prerequisite or audition is required for the class. Review the course guide book for detailed information.
• The words (1 Sem) after a course indicates the course is a 1 semester course.
• AP ___ after a course name indicates teacher permission is required. Students are responsible for getting the appropriate teachers initials.

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A PARENT/GUARDIAN SIGNATURE IS REQUIRED TO COMPLETE REGISTRATION.

By signing, I understand that ALL course registration choices are a commitment. No course changes will be made after the registration deadline of April 10th, 2010.

<table>
<thead>
<tr>
<th>Student Signature</th>
<th>Date</th>
<th>Parent Signature</th>
<th>Date</th>
</tr>
</thead>
</table>

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ENGLISH - REQUIRED (choose one)

- 01053/1/2 English 7-8
- 019TEMP08 Dystopian Literature
- 011901/2 AP Lit & Comp
- 019TEMP06 AP Lit & Comp (zero hour)

SOCIAL STUDIES - REQUIRED (choose one)

- 030251 American Government (1 Sem)
- 030261 AP Government & Politics (1 Sem)

PERSONAL FINANCES - REQUIRED (choose one)

- 120981 Personal Finance (1 Sem)
- 120971 Hon Personal Finance (1 Sem)

MATHEMATICS

- 04016/1/2 Pre-Algebra 1-2
- 04027/1/2 Algebra 1-2
- 04035/1/2 Geometry 1-2
- 04029/1/2 Algebra 3-4
- 04030/1/2 Honors Algebra 3-4
- 04050/1/2 Probability & Stats
- 04068/1/2 Consumer Math
- 04123/1/2 Math Analysis
- 04038/1/2 PreCalc/Trig 1-2
- 04041/1/2 PreCalc/Trig 1-2
- 04045/1/2 AP Calculus AB 1-2
- 04046/1/2 AP Calculus BC 1-2
- 04047/1/2 Hon Calculus 3 (1 Sem)
- 04054/1/2 Hon Diff Equations (1 Sem)
- 04084/1/2 AP Statistics

SCIENCE

- 06093/1/2 Anatomy & Physiology
- 06106/1/2 Earth Science 3-4
- 06035/1/2 Environmental Science (1 Sem)
- 06037/1/2 Hon Environmental Science 1-2
- 06133/1/2 Forensic Science 1-2
- 06135/1/2 Hon Nuclear Science 1-2
- 06060/1/2 Physics 1-2
- 06082/1/2 Marine Biology (1 Sem)
- 06166/1/2 AP Physics 1
- 06167/1/2 AP Physics 2
- 06047/1/2 AP Biology 1-2 (daily)
- 06058/1/2 AP Chem 1-2 (daily)
- 06097/1/2 AP Physics C Mech (1 Sem)
- 06097/2 AP Physics C Elect (1 Sem)
- 019TEMP09 Adv Math Train (zero hr)

PHYSICAL EDUCATION/BAND

- 07018/1/2 Physical Education
- 07045/1/2 Aerobics 1-2
- 07032/1/2 Svlmt/Aquatics (1 Sem)
- 07034/1/2 Adv Swim/Aquatics 1-2
- 19112/1/2 Hon Flag Corps
- 19068/1/2 Hon Concert Band 1-2 (The first semester of Honors Concert Band counts as 1 semester of PE credit)

MILITARY SCIENCE (ROTC)

- 07061/1/2 JROTC 1-2
- 07064/1/2 Hon JROTC 1-2
- 07075/1/2 Hon JROTC 5-6
- 07078/1/2 JROTC 3-4

WORLD LANGUAGES

- 16050/1/2 Spanish 1-2
- 16051/1/2 Spanish 3-4
- 16055/1/2 Hon Spanish 5-6
- 16056/1/2 Hon Spanish 7-8
- 16058/1/2 AP Spanish Language
- 16062/1/2 Spanish Literature & Culture
- 16065/1/2 Spanish for Spanish Speakers
- 16066/1/2 Hon Span for Span Speak 3-4
- 16070/1/2 Hon Span for Span Speak 5-6

ENGLISH ELECTIVES

- 01118/1/2 Literacy Skills 1-2
- 02056/1/2 Debate 1-2
- 02084/1/2 Photo Journalism 1-2
- 02055/1/2 Hon Adv Newspaper 1-2
- 02138/1/2 Hon Adv Newspaper 3-4
- 02054/1/2 Digital Journalism 1-2
- 02147/1/2 Hon Adv Yearbook 1-2
- 02053/1/2 Hon Adv Writing 1 (1 Sem)
- 02052/2/2 Creative Writing 2 (1 Sem)
- 02046/1/1 Hon Adv Writing 3 (1 Sem)

SOCIAL STUDIES ELECTIVES

- 03016/1/2 Native Amer Culture (1 Sem)
- 03053/1 Sociology (1 Sem)
- 03061/1 Law & Juv Justice (1 Sem)
- 03120/1/2 Hon Acad Deca
- 03052/1 African Amer History (1 Sem)
- 03049/1 Psychology (1 Sem)
- 03066/1/2 AP Economics
- 03023/1/2 AP European History 1-2
- 11062/1/2 AP Art History 1-2
- 030262/2/3 AP Comp Politics
### AIR & SPACE ACADEMY ELECTIVES
- [ ] 063711/2 Hon Intro to Av & Aerospace
- [ ] 031111 History of Aviation (1 Sem) P
- [ ] 030701/2 Intro to Powered Flight (1 Sem) P
- [ ] 172401 UAV Drone Pilot Training* (1 Sem)
- [ ] 030501 Aviation Safety (1 Sem) P
- [ ] 050341 Intro to Meteorology (1 Sem) P

### BUSINESS MARKETING & INFORMATION TECHNOLOGY ELECTIVES
- [ ] 131431 Digital Design (1 Sem)
- [ ] 131481 Hon Intro to Digital Media (1 Sem)
- [ ] 120791/1 Mgt and Leadership 1-2
- [ ] 120821/2 Hon Mgt and Leadership 1-2
- [ ] 120811/1 Principles of Bus Mgt (1 Sem)
- [ ] 160411/2 Hon Principles of Bus Mgt (1 Sem)
- [ ] 120211/2 Hon Accounting 1-2
- [ ] 120211/2 Hon Accounting 1-2
- [ ] 120211/2 Hon Accounting 1-2
- [ ] 120211/2 Hon Accounting 1-2
- [ ] 120211/2 Hon Accounting 1-2
- [ ] 120211/2 Hon Accounting 1-2

### FINE ARTS
- [ ] 110211/2 Art 1-2
- [ ] 110251/2 Art 3-4
- [ ] 110321/2 Honors Art 3-4
- [ ] 110321/2 Honors Art 3-4
- [ ] 110361/2 Advanced Painting 1-2

### PERFORMING ARTS
- [ ] 020631 Drama 1 (1 Sem)
- [ ] 190281/2 Men's Chorus
- [ ] 190281/2 Concert Choir P
- [ ] 190281/2 Jazz Band P

### HUMAN SCIENCE & EDUCATION
- [ ] 070931 Human Growth (1 Sem)
- [ ] 070981 Hon Human Growth (1 Sem)
- [ ] 140741/2 Hon Child Dev 3-4
- [ ] 140751/2 Family Living 1-2
- [ ] 140011/1 Hon Human Services 1-2

### SKILLED & TECHNICAL SCIENCE ELECTIVES
- [ ] 170331/2 Industrial Materials 1-2
- [ ] 170411/2 Industrial Materials 7-8
- [ ] 170421/2 Engineering Tech 1-2
- [ ] 170431/2 Engineering Tech 3-4

### FOCUS PROGRAM
- [ ] 187511/2 Business Internship P

### SPECIAL EDUCATION
- [ ] 090761/2 Affective Skills BSP 1-2
- [ ] 090720/1 Adv Learn Skills 1-2* (HI)
- [ ] 090321/2 Reading S 1-2* (HI)

### ENGLISH LANGUAGE LEARNERS
- [ ] 155191/2 ESL 1-2
- [ ] 155341/2 ESL Reading 1-2
- [ ] 159411/2 ESL Soc St Found 1-2
- [ ] 013711/2 English ELL 1-2

### CREDIT RECOVERY
- [ ] 0109TEMP03 Physical Science 1-2
- [ ] 019TEMP03 Biology 1-2
- [ ] 010771/1 Writing Skills* (1 Sem)

### CLASS RELEASE - The class release form must be signed by parent/guardian and attached to the registration sheet.
- [ ] Late Start
- [ ] Early Release

### ACADEMIC EXPANSION (STUDY HALL) - NON CREDIT COURSE
- [ ] X00481 Academic Expansion (1st Semester)
- [ ] X00482 Academic Expansion (2nd Semester)

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**STUDENTS HAVE UNTIL APRIL 19, 2019 TO FINALIZE THEIR COURSE REGISTRATION CHOICES.**
Burke High School offers the most Advanced Placement (AP) courses of any high school in the State of Nebraska, with 33 course offerings. Beginning in the 2019-20 school year, we will be the only school in the State to offer the College Board’s prestigious AP Capstone Diploma Program™. Our AP Program is supported by highly qualified instructors in each content area and support staff with student success and high achievement in mind.

<table>
<thead>
<tr>
<th>AP Art History</th>
<th>AP Computer Science Principles</th>
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<tbody>
<tr>
<td>AP Music Theory</td>
<td>AP Statistics</td>
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<tr>
<td>AP Studio Art: 2-D Design</td>
<td>AP French Language and Culture</td>
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<tr>
<td>AP Studio Art: 3-D Design</td>
<td>AP German Language and Culture</td>
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<tr>
<td>AP Studio Art: Drawing</td>
<td>AP Spanish Language and Culture</td>
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<tr>
<td>AP English Language and Composition</td>
<td>AP Spanish Literature and Culture</td>
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<tr>
<td>AP English Literature and Composition</td>
<td>AP Biology</td>
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<tr>
<td>AP Comparative Government and Politics</td>
<td>AP Chemistry</td>
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<td>AP European History</td>
<td>AP Environmental Science</td>
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<td>AP Human Geography</td>
<td>AP Physics 1</td>
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<td>AP Macroeconomics</td>
<td>AP Physics 2</td>
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<tr>
<td>AP Microeconomics</td>
<td>AP Physics C: Electricity and Magnetism</td>
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<tr>
<td>AP Psychology</td>
<td>AP Physics C: Mechanics</td>
</tr>
<tr>
<td>AP US Government and Politics</td>
<td>Beginning in the 2019-20 School Year:</td>
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<tr>
<td>AP United States History</td>
<td>AP Seminar</td>
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<tr>
<td>AP World History</td>
<td>Beginning in the 2020-21 School Year:</td>
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<tr>
<td>AP Calculus AB</td>
<td>AP Research</td>
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<tr>
<td>AP Calculus BC</td>
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<tr>
<td>AP Computer Science A</td>
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New to Burke High School in 2019-20!!

AP Capstone: The Rigor of AP, with a Focus on Academic Skills

AP Capstone™ is a new diploma program for college-bound students. It’s a challenging, college-level program that focuses on critical reasoning, research, collaboration, and communication skills. This fall, AP Capstone Diploma candidates will begin considering your institution in their higher education plans.

HERE ARE SIX THINGS TO KNOW ABOUT AP CAPSTONE:

1. Over 1,000 high schools in the U.S. (1,100 globally) are approved to offer AP Capstone.

2. More than 10,000 students in the high school class of 2018 and 35,000 students in the high school class of 2019 will participate in the AP Capstone Diploma program.

3. AP Capstone is based on two sequential college-level courses—AP Seminar and AP Research—that complement and enhance other, discipline-specific AP courses.

4. AP Seminar students analyze different sources of information and create evidence-based arguments, and are assessed on individual and team presentations and papers.

5. AP Research students learn research methods in order to conduct a research project and then present and defend a 5,000-word academic paper.

6. The AP Capstone Diploma is awarded to students who earn scores of 3 or higher on AP Seminar, AP Research, and four additional AP Exams of their own choosing.

Learn more about AP Capstone at collegeboard.org/apcapstonediploma.
AP Capstone Courses:

AP SEMINAR

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

Prerequisites: None
Duration: 1 Year
Credit: 1 credit per semester
Grade Level: 10, 11

AP RESEARCH

Coming in 2020-2021
Prerequisites: Successful completion of AP Seminar
Duration: 1 Year
Credit: 1 credit per semester
Grade Level: 11, 12

AP Capstone Diploma™ or the AP Seminar and Research Certificate™.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™.

Students who earn scores of 3 or higher in AP Seminar and AP Research, but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

Advanced Placement (AP) Courses- Students who want a rigorous challenge are encouraged to take Advanced Placement courses. It is not recommended that a student take more than three AP courses per year. Students are expected to take the AP exam in May to have an opportunity to earn college credit and/or advanced standing in college. For specific course descriptions, visit the departmental listings.
Air and Space Academy

The following courses are offered as part of a special program for students interested in college and career programs in Aviation and Aerospace. Registration in these courses implies a commitment to a program that may have requirements beyond the classroom.

Aircraft and Rocketry
Astronomy 1
Info Tech Fundamentals or Honors Info Tech Fundamentals
English 1-2 or Honors English 1-2
U.S History 1-2 or Honors U.S. History 1-2  

Grade 9

Honors Introduction to Aviation and Aerospace (UNO AVN 1000)
English 3-4 or Honors English 3-4
Human Geography or AP Human Geography  

Grade 10

Choose a Pathway

Aerospace Technology
Engineering Technology 1-2
Introduction to Robotics 1-2
UAV (Drone) Pilot Training

Grade 11

Professional Flight
History of Aviation (UNO AVN 1040)
Aviation Safety (UNO AVN 1160)
Introduction to Meteorology

Grade 11

Intro to Powered Flight (UNO AVN 1020)
Business Internship 1-2

Grade 12

Aerospace Mechanics
Air and Space CAD Design 1-2
Engineering Technology 1-2
Industrial Materials and Processes 1-2

Grade 10

Industrial Materials and Processes 3-4
Air and Space CAD Design 3-4

Grade 11

Business Internship 1-2

Grade 12

For questions about Air and Space Academy offerings, please contact Andrew.Brooks@ops.org
The following courses are offered as part of a special program for students interested in careers in Aeronautics and Space. Registration in these courses implies a commitment to a program that may have requirements beyond the classroom.

Astronomy 060801
This course is a study of the theories of the origin of the universe and solar system. Topics studied will include objects in the solar system, the life cycle of stars and constellations. Students develop techniques to help them locate and identify objects in the sky through the use of a planetarium.
Prerequisite: Interest in the Air & Space Academy
Duration: 1 semester  Credit: 1 credit  Grade Level: 9

Introduction to Aircraft and Rocketry 063722
This course will serve as an introduction to history, function, design, and principles of flight and rocketry. Students will learn the history of manned flight and space exploration. They will research, design, build, and flight test airframes and rockets. Students will do a hands-on study of the history and future of the aerospace industry. They will complete a project to design a space transport system to carry astronauts to Mars or the Moon and back safely. Students will do detailed studies of the career areas in these fields and report on one they are especially interested in.
Prerequisites: Interest in the Air & Space Academy or Instructor permission
Duration: 1 semester  Credit: 1 credit  Grade Level: 9, 10

HONors Introduction to Avation and Aerospace 063711/063712
The course engages students in an inquiry-based, problem-solving approach to investigate and to understand the science of aeronautics and aerodynamics. The nature of instruction encourages hands-on participation and activities that will reinforce the lesson outcomes. Additionally, the activities are designed to encourage teamwork and participation among the students. The course also provides a broad understanding of the three types of aviation: commercial, military, and general aviation. Topics include the evolution of the industry, present and future developments, airline and aerospace industries, airport and airspace infrastructure, organizations that regulate and influence the industry, responsibilities of aviation professionals, and career planning. *This course has a Dual Enrollment opportunity in conjunction with the University of Nebraska at Omaha’s Aviation Institute.
Prerequisite: Interest in continuing in the Air and Space Academy, Intro to Aircraft and Rocketry, or Instructor Permission.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11

The History of Aviation 031111
The Aeronautics and Space Academy course explores the historical development of aviation and aerospace on a global and national scale. The class focuses on the key individuals, their achievements and overall contribution to the science of aeronautics and aircraft; including the technologies and key events that have unfolded since the dawn of flight. The students will obtain an appreciation of the strides humans have made in the arena of flight and how it impacts all facets of global society starting with the first experience with powered flight, extending to walking on the moon and beyond. *This course will be offered as a Dual Enrollment opportunity in conjunction with the University of Nebraska at Omaha’s Aviation Institute.
Prerequisites: Interest in continuing in the Air and Space Academy, and Introduction to Aviation and Aerospace or concurrent enrollment and Instructor Permission.
Duration: 1 semester  Credit: 1 credit  Grade Level: 11, 12

Introduction to Meteorology 060341
This course will provide the student with basic understanding of weather and climate. The student will develop an understanding of the structure and function of the atmosphere including the dynamics between its matter and energy and their effect on weather and climate. The students will study the major components of weather such as temperature, humidity, pressure, precipitation, and winds and the interactions among them. The course will also address aspects of air pollution, global climate change, and basic understanding of weather forecasting.
Prerequisites: Interest in continuing in the Air and Space Academy, Introduction to Aviation and Aerospace, Algebra 3-4
Duration: 1 Semester  Credit: 1 credit  Grade Level: 11, 12
UAV DRONE PILOT TRAINING 172401
An introduction to the requirements and skills necessary to fly commercial drones. This course is designed to give the student the ability to fly and safely operate a drone in today's growing Unmanned Aerial Vehicle field. Emphasis is placed on safety, equipment selection, flying, and becoming licensed to use drones for commercial purposes.
Prerequisites: Completion of Introduction to Aircraft and Rocketry and Introduction to Aviation and Aerospace.
Duration: 1 Semester  Credit: 1 credit  Grade Level: 11, 12

+AVIATION SAFETY 035031
This course provides the student with a detailed introduction to aspects of aviation safety as well as the associated components of flight in regard to human factors, aircraft technology, weather related accidents, and aeronautical accident investigation. The student will develop an understanding of the issues relating to aviation safety including the regulatory framework, aeronautical decision making, safety data analysis, nature of accidents, safety management, human factors, air traffic technology, aircraft technology, the accident investigation process, and apply these to current issues facing the civil, military, and commercial aviation industry. *This course has a Dual Enrollment opportunity in conjunction with the University of Nebraska at Omaha's Aviation Institute
Prerequisites: Interest in continuing in the Air and Space Academy, Introduction to Aviation and Aerospace, and Instructor permission.
Duration: 1 Semester  Credit: 1 credit  Grade Level: 11, 12

+INTRODUCTION TO POWERED FLIGHT: PRIVATE PILOT GROUND SCHOOL 181131/181132
The successful completion of this course will prepare the student to take and pass the Federal Aviation Administration’s (FAA) Private Pilot Written Exam which is a requirement to fulfill in obtaining a Private Pilot Certificate. This course will introduce the student to a variety of subject matters ranging in, but not limited to Basic Aerodynamics, Aircraft Systems, Flight Instrument applications, Federal Aviation Regulations, Meteorology, Aerial Navigation, Airport Operations and Procedures, In-route Flight Planning, and applications of Determining Aircraft Performance Parameters for safe flight. The students will be given opportunities to research and explore numerous other facets related to powered flight and will be exposed to the opportunities that are available in obtaining of a Private Pilot license. *This course has a Dual Enrollment opportunity in conjunction with the University of Nebraska at Omaha’s Aviation Institute.
Prerequisites: Admission to the Air and Space Academy, Introduction to Aeronautics and Space, Introduction to Aircraft and Rocketry, Introduction to Aviation and Aerospace, and Instructor and Director Permission.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 12

Academy Partners:
FOCUS Academy

The following courses are offered as part of a special program for students interested in college and career programs in Media, and Digital Communication. Registration in these courses implies a commitment to a program that may have requirements beyond the classroom.

Info Tech Fundamentals or Honors Info Tech Fundamentals
English 1-2 or Honors English 1-2
U.S History 1-2 or Honors U.S. History 1-2  

**Grade 9**

**Choose a Pathway**

**Leadership**

- English 3-4 or Honors English 3-4
- 21st Century Communications Skills or Honors 21st Century Communication Skills
- Honors Humanities Survey

**Grade 10**

- Leadership for a Modern Community or Honors Leadership for a Modern Community
- Management and Leadership or Honors Management and Leadership
- Honors Entrepreneurship (*MCC ENT 1050*)

**Grade 11**

- AP American Gov. or American Government
- Personal Finance or Honors Personal Finance
- Business Internship 1-2

**Grade 12**

**Media**

- English 3-4 or Honors English 3-4
- 21st Century Communications Skills or Honors 21st Century Communication Skills
- Honors Journalism 1-2

**Grade 10**

- Leadership for a Modern Community or Honors Leadership for a Modern Community
- Honors Advanced Newspaper 1-2 or Honors Advanced Yearbook 1-2

**Grade 11**

- Honors Newspaper 3-4 or Honors Advanced Yearbook 3-4
- Personal Finance or Honors Personal Finance
- Business Internship 1-2

**Grade 12**

**Web and Digital Communication**

- English 3-4 or Honors English 3-4
- 21st Century Communications Skills or Honors 21st Century Communication Skills
- Intro to Digital Design or Honors Intro to Digital Design
- Digital Media

**Grade 10**

- Leadership for a Modern Community or Honors 21st Century Communication Skills
- Web Design 1-2 (*MCC INFO 1311*)

**Grade 11**

- AP Computer Science
- Personal Finance or Honors Personal Finance
- Business Internship 1-2

**Grade 12**

For questions about FOCUS Academy offerings, please contact Andrew.Brooks@ops.org
FOCUS ACADEMY

The following courses are offered as part of a special program for students interested in careers in Media and Digital Communication. Registration in these courses implies a commitment to a program that may have requirements beyond the classroom.

21st CENTURY COMMUNICATIONS 1-2 130962/130962
This Focus Program Course will introduce students to a variety of skills necessary to communicate effectively in the 21st Century Workplace. The Extra Value Standards, Leadership Through and Communication, are embedded as students demonstrate proficiency by utilizing the latest technology to enhance communication in multiple settings. Students will have the opportunity to work with community partners and off-site learning experiences to prepare for future Focus Courses and Internships.

Prerequisite: Admission to FOCUS program
Duration: 1 year Credit: 1 credit per semester Grade Level: 10

HONORS 21st CENTURY COMMUNICATIONS 1-2 130971/130972
This Focus Program Course will introduce students to a variety of skills necessary to communicate effectively in the 21st Century Workplace. The Extra Value Standards, Leadership Through and Communication, are embedded as students demonstrate proficiency by utilizing the latest technology to enhance communication in multiple settings. Students will have the opportunity to work with community partners and off-site learning experiences to prepare for future Focus Courses and Internships.

Prerequisite: Admission to FOCUS program
Duration: 1 year Credit: 1 credit per semester Grade Level: 10

LEADERSHIP FOR A MODERN COMMUNITY 030411/030412
This course explores the role of leadership in a modern community. An emphasis will be placed on theories of leadership, understanding the basic principles of service learning, philanthropy, and the entrepreneurial spirit. Students will build an entrepreneurial service learning model for use senior year that focuses on active civic participation in an internship setting. Students will also design, develop, and implement a service learning project in conjunction with Iowa Western Community College. Research based management strategies and technology will also be utilized to solve modern societal issues in a global community.

Prerequisite: Admission to FOCUS program
Duration: 1 year Credit: 1 credit per semester Grade Level: 11

HONORS LEADERSHIP FOR A MODERN COMMUNITY 030413/030414
This course explores the role of leadership in a modern community. An emphasis will be placed on theories of leadership, understanding the basic principles of service learning, philanthropy, and the entrepreneurial spirit. Students will build an entrepreneurial service learning model for use senior year that focuses on active civic participation in an internship setting. Students will also design, develop, and implement a service learning project in conjunction with Iowa Western Community College. Research based management strategies and technology will also be utilized to solve modern societal issues in a global community. Students will lead and assist in direct service with the local community.

Prerequisite: Admission to FOCUS program
Duration: 1 year Credit: 1 credit per semester Grade Level: 11

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. Local bank representatives will work with students in developing financial leadership skills. Application of academic concepts, technology, and career planning are integrated throughout the curriculum.

Prerequisite: Admission to FOCUS program
Duration: 1 semester Credit: 1 credit Grade Level: 12
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. Local bank representatives will work with students in developing financial leadership skills. Application of academic concepts, technology, and career planning are integrated throughout the curriculum.

Prerequisite: Admission to FOCUS program
Duration: 1 semester  Credit: 1 credit
Grade Level: 12

BUSINESS INTERNSHIP 1-2 187501/187502
This 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.

Prerequisite: Admission to FOCUS program
Duration: 1 year  Credit: 1 credit per semester
Grade Level: 12

Academy Partners:

TD Ameritrade

ARBOR BANK
Business, Marketing, & Information Technology

OPS Graduation Requirements:
All Students Must Complete 16 Elective Credits

OPS Graduation Requirements:
All Students Must Complete Personal Finance (1 Credit) as a Graduation Requirement.

Every Burke Freshmen should take:

Info Tech Fundamentals or Honors Info Tech Fundamentals

Every Senior must complete:

Personal Finance or Honors Personal Finance

Students May Choose To Take Courses Below for Elective Credit:

Accounting

- Accounting 1-2 or Honors 1-2
- Accounting 3-4 or Honors 3-4
- Honors Advanced Accounting

Marketing

- Marketing 1-2 or Honors Marketing 1-2
- Marketing 3-4 or Honors Marketing 3-4
- Marketing Internship may be taken concurrently with a 3-4 level Marketing class.

Digital Design

- Introduction to Digital Media or Honors Introduction to Digital
- Digital Design or Honors Digital Design

Information Technology

- Foundations of Computing 1
- AP Computer Science Principles 1-2
- AP Computer Science A 1-2

Other Business Electives

- Principles of Business, Marketing, and Management or Honors Principles, of Business, Marketing, and Management
- IT Team Management (Hudl)
- Intro to Sports Analytics for IT (Hudl)
- Web Design 1-2 or Honors
- Honors Entrepreneurship
- Management and Leadership 1-2 or Honors Management and Leadership 1-2

For questions about BMIT offerings, please contact Andrew.Brooks@ops.org
BUSINESS, MARKETING, & INFORMATION TECHNOLOGY

Classes marked with an + may be eligible for Dual Enrollment at Omaha area colleges.

INFO TECH FUNDAMENTALS  130821
The course prepares freshmen in the skills and demands required for success in high school and in real-world environments. Students are introduced to the proper use of information technologies (IT). In addition, they will be introduced to hardware and software selection and use, technology resource support, and ethical issues. Units would include, but not be limited to, system and application software and impact of technology on society.
Prerequisites: None
Duration: 1 Semester  Credit: 1 credit  Grade Level: 9

HONORS INFO TECH FUNDAMENTALS  130831
The course prepares freshmen in the skills and demands required for success in high school and in real-world environments. Students are introduced to the proper use of information technologies (IT). In addition, they will be introduced to hardware and software selection and use, technology resource support, and ethical issues. Units would include, but not be limited to, system and application software and impact of technology on society.
Prerequisites: None
Duration: 1 Semester  Credit: 1 credit  Grade Level: 9

FOUNDATIONS OF COMPUTING 1  131421
Designed to be the first computer science course for students who have never programmed before, Foundations of Computing is a starting point for Computer Science. Students will explore the impact of computing in society and build skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students build computational-thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis.
Prerequisites: None
Duration: 1 Semester  Credit: 1 credit  Grade Level: 9, 10, 11, 12

PRINCIPLES OF BUSINESS, MARKETING AND MANAGEMENT  120021
This course is designed as an introductory overview of the Business, Marketing, and Accounting Career Field. Units of study include economic systems, forms of business ownership, management, marketing, and accounting. Career opportunities will also be explored.
Prerequisite: None
Duration: 1 Semester  Credit: 1 credit  Grade Level: 9, 10, 11, 12

HONORS PRINCIPLES OF BUSINESS, MARKETING, AND MANAGEMENT  120041
This course is designed as an introductory overview of the Business, Marketing, and Accounting Career Field. Units of study include economic systems, forms of business ownership, management, marketing, and accounting. Career opportunities will also be explored.
Prerequisite: None
Duration: 1 Semester  Credit: 1 credit  Grade Level: 9, 10, 11, 12

IT TEAM MANAGEMENT 1  131501
This course emphasizes the basic concepts of management and leadership of a sports team through information technology applications. Students will use a variety of technology resources including the Hudl sports management software to investigate management issues involved in planning, organizing, leading, and controlling a team. As students progress through the course, they will also acquire management, professional growth and development, communication, and relationship skills while exploring potential careers in the field.
Prerequisites: None
Duration: 1 semester  Credit: 1 credit  Grade Level: 9, 10, 11, 12
INTRO SPORTS ANALYTICS FOR IT 1 131511
This course will discuss the theory, development, and application of analytics in sports using a variety of information technology resources including the Hudl sports management software. Students will learn about the significance of identifying applicable data in order to understand in-game decisions, and how those affect real-world scenarios such as team management, player performance and sports operations.
Prerequisites: Completion of IT Team Management
Duration: 1 semester Credit: 1 credit Grade Level: 9, 10, 11, 12

INTRO TO DIGITAL MEDIA 131471
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. Students will gain experience in basic programming through Alice 2 software.
Prerequisites: None
Duration: 1 semester Credit: 1 credit Grade Level: 9, 10, 11, 12

HONORS INTRO TO DIGITAL MEDIA 131481
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. Students will gain experience in basic programming through Alice 2 software.
Prerequisites: None
Duration: 1 semester Credit: 1 credit Grade Level: 9, 10, 11, 12

DIGITAL DESIGN 131431
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.
Prerequisites: None
Duration: 1 semester Credit: 1 credit Grade Level: 9, 10, 11, 12

HONORS DIGITAL DESIGN 131441
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.
Prerequisites: None
Duration: 1 semester Credit: 1 credit Grade Level: 9, 10, 11, 12

+WEB DESIGN 1-2 130281/130282
Students will demonstrate knowledge of web design and languages, including Hyper Text 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.
Prerequisites: Infotech Fundamentals, or Foundations of Computing 1, or Teacher Permission
Duration: 1 year Credit: 1 credit per semester Grade Level: 10, 11, 12

+HONORS WEB DESIGN PRACTICES 1-2 130721/130722
This is an advanced level course in web design. Students will demonstrate knowledge of web design and languages, including Hyper Text 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. This course offers students the opportunity to connect with business and industry or to make connections with clients in a web design scenario. This course may be available for articulated or dual credit at a postsecondary institution.
Prerequisites: Infotech Fundamentals, or Foundations of Computing 1, or Teacher Permission
Duration: 1 year Credit: 1 credit per semester Grade Level: 10, 11, 12
This course emphasizes the basic concepts of management and leadership within a business or organization. It addresses characteristics, organization, and operation of business as major sectors of the economy. Students will investigate management issues involved in planning, organizing, leading, and controlling an organization. They will also acquire essential skills in the areas of emotional intelligence: time management, stress management, professional growth and development, communication, and relationship skills.

**Prerequisites:** None

**Duration:** 1 year

**Credit:** 1 credit per semester

**Grade Level:** 10, 11, 12

**HONORS MANAGEMENT AND LEADERSHIP 1-2**

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

**Prerequisites:** None

**Duration:** 1 year

**Credit:** 1 credit per semester

**Grade Level:** 10, 11, 12

**+HONORS 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, operation of school-based business, or actual creation of a student-run business.

**Prerequisites:** Infotech Fundamentals needed, or FACTS prior to 2018-19 School Year

**Duration:** 1 semester

**Credit:** 1 credit

**Grade Level:** 10, 11, 12

**ACCOUNTING 1-2**

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

**Prerequisites:** Algebra 1-2 or concurrent enrollment

**Duration:** 1 year

**Credit:** 1 credit per semester

**Grade Level:** 10, 11, 12

**HONORS ACCOUNTING 1-2**

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

**Prerequisites:** C or better in Algebra 1-2

**Duration:** 1 year

**Credit:** 1 credit per semester

**Grade Level:** 10, 11, 12

**HONORS ACCOUNTING 3-4**

This is a two-semester course that includes partnership and corporate accounting, adjustment in inventory control systems, budgetary control systems, and further enhancement of accounting skills. Accounting is a prerequisite.

**Prerequisites:** C or better in Accounting 1-2

**Duration:** 1 year

**Credit:** 1 credit per semester

**Grade Level:** 11, 12
HONORS ADVANCED ACCOUNTING 120631/120632
This two-semester course is designed to provide introductory knowledge of accounting principles, concepts, and practices. Included topics are the balance sheet, the income statement, the statement of owner’s equity, the statement of cash flows, worksheets, journals, ledgers, accruals, adjusting and closing entries, internal controls, inventories, fixed and intangible assets, liabilities, equity and financial statement analysis. This course provides a foundation for more advanced work in the fields of accounting and business. This course may be available for articulated or dual credit at a postsecondary institution.
Prerequisites: C or better in Honors Accounting 3-4
Duration: 1 year Credit: 1 credit per semester Grade Level: 12

MARKETING 1-2 120471/120472
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. Membership in the extracurricular organization DECA is strongly recommended.
Prerequisite: None
Duration: 1 year Credit: 1 credit per semester Grade Level: 11, 12

HONORS MARKETING 1-2 120501/120502
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 agree to meet additional criteria, such as research and marketing projects. Membership in the extracurricular organization DECA is strongly recommended.
Prerequisites: None
Duration: 1 year Credit: 1 credit per semester Grade Level: 11, 12

MARKETING 3-4 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. Membership in the extracurricular organization DECA is strongly recommended.
Prerequisite: Marketing 1-2 needed
Duration: 1 year Credit: 1 credit per semester Grade Level: 12

+HONORS MARKETING 3-4 120511/120512
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 agree to meet additional criteria, such as research and marketing projects. Membership in the extracurricular organization DECA is strongly recommended.
Prerequisites: C or better in Honors Marketing 1-2 or Marketing 1-2
Duration: 1 year Credit: 1 credit per semester Grade Level: 12

MARKETING INTERNSHIP 188701/188702
The internship program provides 12th grade students with an individual career experience in the community. The internship is a supplement to formal classroom instruction. Students plan their internship with a teacher-coordinator and participate in a paid or unpaid occupational experience.
Prerequisites: Taken concurrently with Marketing 3-4, Honors Marketing 3-4, and Instructor Permission.
Duration: 1 year Credit: 1 credit per semester Grade Level: 11, 12
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.
Prerequisite: Completion of Algebra 1-2 with a C or better
Duration: 1 year Credit: 1 credit per semester Grade Level: 11, 12

AP COMPUTER SCIENCE A 1-2 130791/130792
This college-level course will prepare the student to take the AP Computer Science exam. Students will learn how to design and implement computer-based solutions to problems in several application areas and well-known algorithms and data structures, including how to develop and select appropriate algorithms and data structures to solve problems. Students must be able to code fluently in a well-structured fashion and be able to read and understand a large program and a description of the design and development process leading to such a program. Students will be expected to identify the major hardware and software components of a computer system, their relationship to one another, and the roles of these components within the system. Students will be able to recognize the ethical and social implications of computer use and are strongly encouraged to take the AP Exam.
Prerequisite: AP Computer Science Principles 1-2 recommended
Duration: 1 year Credit: 1 credit per semester Grade Level: 11, 12

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.
Prerequisite: None
Duration: 1 semester Credit: 1 credit per semester Grade Level: 12

**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.
Prerequisite: None
Duration: 1 semester Credit: 1 credit per semester Grade Level: 12
**Core Course Offerings**

*All Students Must Complete These Courses*

**Freshmen Year**
- English 1-2 or Honors English 1-2

**Sophomore Year**
- English 3-4 or Honors English 3-4

**Junior Year**
- English 5-6 or AP English Language and Composition

*English Review and Writing Skills*
(May be used once to remove an English Credit deficiency for English 1-8. Registration)

**Senior Year**
- English 7-8 or AP English Literature and Composition
- Dystopian Lit

*English Review and Writing Skills*
(May be used once to remove an English Credit deficiency for English 1-8. Registration)

**OPS Graduation Requirements:**
All Students Must Complete 8 Credits of English. Any additional English courses may be used for elective.

**Elective Course Offerings**

*Students May Choose To Take These Courses for Elective Credit*

- Journalism 1-2
- Word Study
- Debate 1-2
- Honors Journalism 1-2
- Advanced Debate 1-2
- Debate 1-2
- Honors Advanced Debate 1-2
- ACT Prep
- Honors Advanced Newspaper 1-2
- Honors Newspaper 3-4
- Word Study
- H Adv. Newspaper 3-4
- Honors Word Study
- Hon. Adv. Yearbook 3-4
- Journalism 1-2
- Honors Journalism 1-2
- Debate 1-2
- Advanced Debate 1-2
- Hon. Adv. Yearbook 3-4
- Honors Advanced Debate 1-2
- ACT Prep
- Honors Advanced Newspaper 1-2
- Honors Newspaper 3-4
- Word Study
- H Adv. Newspaper 3-4
- Honors Word Study
- Creative Writing 1
- *Writing Skills*
- Creative Writing 2
- *English Review*
- Honors Advanced Yearbook 1-2
- Debate 1-2
- H Adv Yearbook 3-4
- Advanced Debate 1-2
- Honors Newspaper 1-2
- H Adv Debate 1-2
- H Newspaper 3-4
- Word Study
- H Adv Newspaper 3-4
- Honors Word Study
- Creative Writing 1
- *Writing Skills*
- Creative Writing 2
- *English Review*

For questions about English offerings, please contact Jane.Luethge@ops.org
Courses for all students at Honors and academic levels emphasize language, literature, and composition skills. Electives provide extra study for college entrance examination preparation and special fields of communication. In deciding between Honors/ AP and Academic levels, please review the following courses to select the English course to best meet your needs.

^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.

Classes marked with an + may be eligible for Dual Enrollment at Omaha area colleges.

**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 (choices and consequences, heroes, life experiences and relationships, and identity) to gain command of essential skills in written and oral communication and the reading of literary and informational texts. Students use the writing process to produce five required papers per semester in a variety of modes (narrative, persuasive, argumentative, analytical, and technical).

*Prerequisite:* None  
*Duration:* 1 year  
*Credit:* 1 credit per semester  
*Grade Level:* 9

**HONORS ENGLISH 1-2**  010351/010352

This course provides a more rigorous and intensive study of the language arts skills of reading, writing, speaking and listening as described in English 1-2. Students will read a variety of narrative and informational texts and produce writing pieces in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative and technical. Additional course work is required above and beyond the regular English 1-2 course.

*Prerequisites:* Any one of the following*: Grade of “A” in English Language Arts-8 1 and 2, Grade of “B” or higher in Honors English Language Arts-8 1 and 2, or MAP Reading score at or above a score determined by District English Language Arts Supervisor.

*Duration:* 1 year  
*Credit:* 1 credit per semester  
*Grade Level:* 9

**ENGLISH 3-4**  010411/010412

This course focuses on the language arts skills of reading, writing, speaking and listening. Students will use a variety of unique conceptual lenses (relationships, culture, responsibility, integrity and honor) to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

*Prerequisite:* None  
*Duration:* 1 year  
*Credit:* 1 credit per semester  
*Grade Level:* 10

**HONORS ENGLISH 3-4**  010421/010422

This course provides a more rigorous and intensive study of the language arts skills of reading, writing, speaking and listening as described in English 3-4. Students will read a variety of narrative and informational texts and produce writing pieces in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical. Additional course work is required above and beyond the regular English 1-2 course.

*Prerequisites:* B or higher in Honors English 1-2; parent and student signature indicating a full year commitment

*Duration:* 1 year  
*Credit:* 1 credit per semester  
*Grade Level:* 10

**ENGLISH 5-6**  010471/010472

This course focuses on the language arts skills of reading, writing, speaking and listening through a study of American literature. Students will use a variety of unique conceptual lenses (freedom, struggle and persecution, movements and justice, American dreams and disillusionment) to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

*Prerequisite:* None  
*Duration:* 1 year  
*Credit:* 1 credit per semester  
*Grade Level:* 11
AP Language and Composition is an AP course designed to engage students in the careful reading and critical analysis of, primarily, non-fiction works. The focus is American literature, poetry, and non-fiction. Through the close reading and use of other AP learning strategies, students will 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. Course participants will be prepared, but not required, to take the Advanced Placement exam to earn college credit.

Prerequisites: B or higher in H English 3-4; parent and student signature indicating a full year commitment.

Duration: 1 year  Credit: 1 credit per semester  Grade Level: 11

ENGLISH 7-8

This course focuses on the language arts skills of reading, writing, speaking and listening through a study of British and global literature. Students will use a variety of unique conceptual lenses (heroes/leaders, good/evil, human fallibility, global, power, and governance) to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

Prerequisite: None

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

+AP ENGLISH LITERATURE AND COMPOSITION

AP English Literature and Composition in an AP course that engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will 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. Course participants will be prepared, but not required, to take the Advanced Placement test to earn college credit.

Prerequisites: B or higher in AP Language and Composition or English 5-6 and parent and student signature indicating a full-year commitment

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

+AP ENGLISH LITERATURE AND COMPOSITION (ZERO HOUR)

AP English Literature and Composition in an AP course that engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will 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. Course participants will be prepared, but not required, to take the Advanced Placement test to earn college credit.

Prerequisites: B or higher in AP Language and Composition or English 5-6 and parent and student signature indicating a full-year commitment

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

DYSTOPIAN LITERATURE (SATISFIES ENGLISH 7-8 GRADUATION)

This course explores different dystopian worlds utilizing classic as well as modern literature. Dystopian themes will be addressed in relation to the current world state, its inhabitants, and its leaders. Students will explore concepts ranging from identity to societal influence and government dysfunction to gain command of essential skills in written and oral communication and the reading of narrative and informational text. Students will produce a variety of writing samples in the following modes: descriptive, narrative, analytical, expository, persuasive, argumentative, and technical.

Prerequisites: None

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

ENGLISH REVIEW

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

Prerequisite: English credit deficiency

Duration: 1 semester  Credit: 1 credit  Grade Level: 11, 12
This course, one semester in length (presented both semesters), allows a student the one-time opportunity to remove an English credit deficiency for English 1-8. The course has a specific composition improvement purpose. The writing process, emphasizing student responsibility for completing a quality writing product, is the focus of this class.

**Prerequisite:** English credit deficiency
**Duration:** 1 semester  
**Credit:** 1 credit  
**Grade Level:** 11, 12

**WORD STUDY**  
020261

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

**Prerequisite:** Strong interest
**Duration:** 1 semester  
**Credit:** 1 credit  
**Grade Level:** 9, 10, 11, 12

**HONORS WORD STUDY**  
020241

This course examines the Greek and Latin roots of English words in a more in-depth manner than the regular Word Study course requires. The honors course teaches students to think and read with more understanding and to expand their usage of adult vocabulary. It is a college preparatory course designed to prepare students for the ACT and SAT examinations.

**Prerequisite:** B or better in English classes
**Duration:** 1 semester  
**Credit:** 1 credit  
**Grade Level:** 10, 11, 12

**CREATIVE WRITING 1**  
020351

This course is the first semester offering of the elective course, Creative Writing 1-2. This course allows students to develop their writing talents through experiencing activities which focus on the writing of fiction and nonfiction works, including the writing of the short story, poetry, the essay, drama, and other forms of writing as assigned.

**Prerequisites:** Minimum grade of C in English classes, high interest in creative writing
**Duration:** 1 semester  
**Credit:** 1 credit  
**Grade Level:** 11, 12 (10 with teacher permission)

**CREATIVE WRITING 2**  
020352

This course is the second semester offering of the elective course, Creative Writing 1-2. This course allows students to develop their writing talents through experiencing activities which focus on the writing of fiction and nonfiction works, including the writing of the short story, poetry, the essay, drama, and other forms of writing as assigned.

**Prerequisites:** Minimum grade of C in English classes, high interest in creative writing
**Duration:** 1 semester  
**Credit:** 1 credit  
**Grade Level:** 11, 12 (10 with teacher permission)

**DEBATE 1-2**  
020561/020562

This course provides instruction in the fundamentals of debate, including an emphasis on the debate format, terminology, and research techniques. Students will participate in the debate process by completing research to find evidence to build affirmative and negative cases as they apply the terminology and processes which they have learned to actual debate formats.

**Prerequisites:** B or better in English classes or with permission of the instructor
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 9, 10, 11, 12

**HONORS DEBATE 1-2**  
021561/021562

This course provides additional debate opportunities which may include additional work at a higher cognitive level. Students are required to compete in 3 or more GOLD Novice meets. These meets occur off-campus.

**Prerequisites:** B or better in English classes or with permission of the instructor
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 9, 10, 11, 12

**ADVANCED DEBATE**  
020581/020582

This course prepares students to participate in competitive debate settings; students learn to use knowledge and experience gained in previous courses and debate activities to prepare for and to debate students from other schools in organized competitions. This course can be repeated up to three times. All students must compete in at least 4 tournaments; honors students attend and must compete in 6 tournaments.

**Prerequisites:** Debate 1-2 or Honors Debate 1-2 with grades of B or higher.
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 10, 11, 12
HONORS ADVANCED DEBATE 1-2 020731/020732
This course is two semesters of Honors Advanced Debate and Speech. This course is a laboratory and research center for members of the honors speech and debate team. Expectations include extensive research and preparation for the national policy and Lincoln-Douglas topics. Class and after school practices are requirements, as is tournament competition.判ing novice speakers and debaters is mandatory, as is writing bills for Congressional debate. Students must attend at least three tournaments to earn a grade of "3". Competition team and can be repeated up to four times to attain honors credit.
Prerequisites: Debate 1-2 or Honors Debate 1-2 with grades of B or higher
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

JOURNALISM 1-2 020411/020412
This course introduces students to the field of journalism including the newspaper, photography, and yearbook. Students will learn the history, law, and ethics of journalism as well as journalistic writing, reporting and interviewing, and layout and design. Students are expected to work both individually and collaboratively.
Prerequisite: C or better in most recent English class or with advisor permission
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11

HONORS JOURNALISM 1-2 020531/020532
This course introduces students to the field of journalism including the newspaper, photography, and yearbook. Students will learn the history, law, and ethics of journalism as well as journalistic writing, reporting and interviewing, and layout and design. Students are expected to work both individually and collaboratively and must be willing to take on additional responsibilities and assignments.
Prerequisite: C or higher in most recent English class or with journalism advisor recommendation.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11

HONORS ADVANCED YEARBOOK 1-2 021471/021472
This course allows students to learn the fundamentals of yearbook production, including designing the yearbook, doing photography, writing and editing copy, doing page designs and page layouts, acquiring advertising, marketing the book, managing sales, and distributing the final copy. In addition, students are expected to assume leadership management roles as requested and as assigned in the planning and production of the yearbook.
Prerequisite: Journalism 1-2, C or better in English, and teacher permission
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

HONORS ADVANCED YEARBOOK 3-4 021481/021482
This course allows students to learn the fundamentals of yearbook production, including designing the yearbook, doing photography, writing and editing copy, creating page designs and page layouts, acquiring advertising, marketing the book, managing sales, and distributing the final copy. In addition, students are expected to assume leadership management roles as requested and as assigned in the planning and production of the yearbook. As an honors course, students are required to complete supplementary readings in mass media topics and to complete related research assignments as well as assume additional responsibilities.
Prerequisites: Yearbook advisor permission
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

HONORS ADVANCED NEWSPAPER 1-2 020551/020552
Honors Advanced Newspaper 1-2 students are responsible for the production of the print and/or online school newspaper. Students work individually and collaboratively on assignments. Quality writing, editing, advertising, photography, and layout design skills are emphasized.
Prerequisites: B or higher in Journalism 1-2 and newspaper advisor permission
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9,10, 11, 12

HONORS NEWSPAPER 3-4 021381/021382
This course focuses on the production of the school newspaper. Students enrolled in this course will take part in activities to aid them in understanding the role and responsibilities of a reporter; writing and editing articles, features, and editorials; using photography effectively; designing and completing page layouts; acquiring advertising; distributing completed editions, and reviewing and critiquing, objectively, each edition. In addition, students will be assigned management responsibilities in the production of each edition of the school newspaper, e.g., managing editor, sports editor, advertising manager, and other management roles as determined by the newspaper instructor/adviser.
Prerequisite: Advisor permission
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12
PHOTO JOURNALISM 020841/020842
Photojournalism students learn and apply advanced photography and software techniques to produce high quality photographs for the yearbook, newspaper, and/or newspaper website.
Prerequisite: none
Duration: 1 year Credit: 1 credit per semester Grade Level: 10,11,12

DIGITAL JOURNALISM 020451/020452
Digital Journalism focuses on a variety of media platforms for the 21st century, placing emphasis on the laws and ethics of both online and video journalism which include the development of skills in online newspaper and web design, podcasts, news broadcasting and social media. Students will understand what positive and objective digital citizenship is in addition to acquiring skills that help to prepare them for advanced journalism courses.
Prerequisite: Journalism 1-2 or Photojournalism 1-2
Duration: 1 year Credit: 1 credit per semester Grade Level: 10,11,12

ACADEMIC LITERACY 011011/011012
This course helps students develop skills and knowledge to improve their engagement, fluency, and comprehension of content-area materials and texts. Students will learn to understand and regulate their own reading processes while developing strategies for overcoming reading obstacles.
Prerequisite: Placement is based on standardized test scores and teacher recommendation.
Duration: 1 year Credit: 1 credit per semester Grade Level: 9, 10, 11, 12

LITERACY SKILLS 011181/011182
Students in this course will improve reading proficiency with explicit, direct instruction in fluency, vocabulary, and comprehension. Strategies for phonemic awareness and phonics will be taught as needed. Students will read leveled, high interest literature for both academic and recreational purposes.
Prerequisite: Placement is based on standardized test scores and teacher recommendation.
Duration: 1 year Credit: 1 per semester Grade Level: 9, 10, 11, 12

ACT PREPARATION 020751
This course is designed for college-bound students to help prepare them for college entrance exams, i.e, ACT, SAT, PSAT. Emphasis will be on vocabulary, literacy skills, writing skills, and grammar. Math and Science will also be covered.
Prerequisites: None
Duration: 1 semester Credit: 1 credit Grade Level: 10, 11
High School ESL Scheduling Guidelines  
2017-2018
This plan will provide students with the OPS high school graduation requirements in four years. Students must plan to attend summer school as well as the supportive learning opportunities on Saturdays, Spring Break and in July to meet these requirements.

Benson, Bryan, Burke, North (Block schedules) / Central, Northwest, South (8 Period Day)

BEGINNING (Reading Level Grades: K-2 Fountas and Pinnell Levels A - J):

<table>
<thead>
<tr>
<th>Block/Period</th>
<th>Day A or Periods 1-4</th>
<th>Course #</th>
<th>Day B or Periods 5-8</th>
<th>Course #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ESL 1*</td>
<td>155191</td>
<td>ESL 1</td>
<td>155191</td>
</tr>
<tr>
<td></td>
<td>ESL 2</td>
<td>155192</td>
<td>ESL 2</td>
<td>155192</td>
</tr>
<tr>
<td>2</td>
<td>ESL Reading 1*</td>
<td>155341</td>
<td>ESL Reading 1</td>
<td>155341</td>
</tr>
<tr>
<td></td>
<td>ESL Reading 2</td>
<td>155342</td>
<td>ESL Reading 2</td>
<td>155342</td>
</tr>
<tr>
<td>3</td>
<td>Math (level depends on ability)</td>
<td>155301</td>
<td>P.E.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Option: ESL Math Prep 1-2 (not a math credit)</td>
<td>155302</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>ESL Social Studies Foundations 1</td>
<td>159411</td>
<td>ESL Science Foundations 1</td>
<td>159511</td>
</tr>
<tr>
<td></td>
<td>ESL Social Studies Foundations 2</td>
<td>159412</td>
<td>ESL Science Foundations 2</td>
<td>159512</td>
</tr>
</tbody>
</table>

Summer School: Math Essentials 1-2 (earns math credit) or ESL 1-2 Enrichment

INTERMEDIATE (Reading Level: Grades 2-4 Fountas and Pinnell Levels J-Q): Schedule for ELLs in the US 1-3 years.

<table>
<thead>
<tr>
<th>Block/Period</th>
<th>Day A or Periods 1-4</th>
<th>Course #</th>
<th>Day B or Periods 5-8</th>
<th>Course #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ESL 3*</td>
<td>155351</td>
<td>ESL 3</td>
<td>155352</td>
</tr>
<tr>
<td></td>
<td>ESL 4</td>
<td>155352</td>
<td>ESL 4</td>
<td>155353</td>
</tr>
<tr>
<td>2</td>
<td>ESL Reading 3*</td>
<td>155171</td>
<td>ESL Reading 3</td>
<td>155171</td>
</tr>
<tr>
<td></td>
<td>ESL Reading 4</td>
<td>155172</td>
<td>ESL Reading 4</td>
<td>155172</td>
</tr>
<tr>
<td>3</td>
<td>Math (level depends on ability)</td>
<td>155301</td>
<td>P.E.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Geography (one semester)</td>
<td>159431</td>
<td>ESL Science Foundations 3</td>
<td>159561</td>
</tr>
<tr>
<td></td>
<td>(one semester)</td>
<td>159431</td>
<td>ESL Science Foundations 4</td>
<td>159562</td>
</tr>
</tbody>
</table>

Summer School: Economics / HGD

INTERMEDIATE/ADVANCED (Reading Level: 5-7 Fountas and Pinnell Levels R - Z): Schedule for ELLs in the US 3+ years.

<table>
<thead>
<tr>
<th>Block/Period</th>
<th>Day A or Periods 1-4</th>
<th>Course #</th>
<th>Day B or Periods 5-8</th>
<th>Course #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ESL Reading 5</td>
<td>155251</td>
<td>English 1 ELL</td>
<td>010371</td>
</tr>
<tr>
<td></td>
<td>ESL Reading 6</td>
<td>155252</td>
<td>English 2 ELL</td>
<td>010372</td>
</tr>
<tr>
<td>2</td>
<td>World Language</td>
<td>155251</td>
<td>Economics**(one semester)</td>
<td>010372</td>
</tr>
<tr>
<td></td>
<td></td>
<td>155252</td>
<td>Human Growth (one semester)</td>
<td>010372</td>
</tr>
<tr>
<td>3</td>
<td>Math (level depends on student’s ability)</td>
<td>159431</td>
<td>Elective (Academic Literacy or Speech recommended)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Geography (one semester)</td>
<td>159431</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>US History (ELL)</td>
<td>159431</td>
<td>Physical Science</td>
<td></td>
</tr>
</tbody>
</table>

Summer School: English 3-4

ADVANCED

<table>
<thead>
<tr>
<th>Block/Period</th>
<th>Day A or Periods 1-4</th>
<th>Day B or Periods 5-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>English 5-6</td>
<td>English 7-8***</td>
</tr>
<tr>
<td>2</td>
<td>World Language/Elective</td>
<td>Science Course (Chemistry for University bound)</td>
</tr>
<tr>
<td>3</td>
<td>Math (level depends on student’s ability)</td>
<td>Science Course (Biology)</td>
</tr>
<tr>
<td>4</td>
<td>Am. Government /Personal Finance</td>
<td>World History</td>
</tr>
</tbody>
</table>

*These courses are offered daily and are worth 2 credits due to double seat time.  
** Economics could be taken in either in the summer after year 2 or during year 3.  
*** Student could take English 7-8 through Accelere or in summer school following year 4.
ESL 1-2 15591/155192
This course is designed for the beginning ESL student. The focus of this course will be to develop basic communication skills, a beginning English language vocabulary, and a primary understanding of grammatical structures. This course is typically for a first-year English language learner.
Prerequisite: Placement by ESL Staff
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

ESL READING 1-2 155341/155342
This is a year long course. This course is designed to build reading skills in English for the beginning ESL student. The focus will be to provide successful experiences in reading English at a beginning level, while building skills in recognizing basic sight words, using context clues and prior knowledge to derive word meaning, identifying main idea, summarization of reading passages, and dictionary usage.
Prerequisite: Placement by ESL Staff
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

ESL SCIENCE FOUNDATIONS 1-2 159511/159511
This is a year-long course that provides students with literacy and English language instruction through an introduction to science and science concepts. This course develops study skills, builds vocabulary, and leads to an understanding of key concepts in physical and life sciences as students prepare for participation in the high school science curriculum.
Prerequisite: Placement by ESL Staff
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

ESL SCIENCE FOUNDATIONS 3-4 159561/159562
This ESL Teen Literacy course provides students with literacy and English language instruction through an introduction to science concepts related to life and physical science.
Prerequisite: Placement by ESL Staff
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

ESL SOCIAL STUDIES FOUNDATIONS 1-2 159411/159412
This course provides the beginning ESL student with basic background information about U.S. history, geography, and government. This course develops study skills, builds vocabulary, and leads to an understanding of key events and historical figures, preparing students for participation in the high school social studies curriculum.
Prerequisite: Placement by ESL Staff
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

ESL SOCIAL STUDIES FOUNDATIONS 3 159431
This is a semester-long course that provides students with basic background information about U.S. History, geography, and government. This course develops study skills, builds vocabulary, and leads to an understanding of key events and historical figures, preparing students for Human Geography, to be taken second semester and for participation in future high school social studies curriculum.
Prerequisite: Placement by ESL Staff
Duration: 1 semester  Credit: 1 credit  Grade Level: 9, 10, 11, 12

ESL 3-4 155351/155352
This is the first semester of a one year course. This course is designed for the intermediate ESL student. The focus of this course will be to continue the development of communication skills, English language vocabulary, and understanding of grammatical structures.
Prerequisite: Successful completion of learning goals from ESL 1-2 or demonstration of equivalent skills is required for registration in this course.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12
ESL READING 3-4 155171/155172
This is a yearlong course. This course is designed for intermediate ESL students to improve reading skills. Emphasis is on developing comprehension skill through fluency, summarizing and sequencing events in a reading passage, recognizing cause and effect, and using systematic strategies to locate information from textbooks, charts, graphs, and tables.
Prerequisites: Successful completion of learning goals from ESL Reading 1-2 or demonstration of equivalent skills is required for registration in this course.
Duration: 1 year Credit: 1 credit per semester Grade Level: 9, 10, 11, 12

ESL READING 5-6 155251/155252
This course is designed for intermediate ESL students to improve reading skills. Emphasis is on developing comprehension skill through fluency, summarizing and sequencing events in a reading passage, recognizing cause and effect, and using systematic strategies to locate information from textbooks, charts, graphs, and tables.
Prerequisites: Successful completion of learning goals from ESL Reading 1-2 or demonstration of equivalent skills is required for registration in this course.
Duration: 1 year Credit: 1 credit per semester Grade Level: 9, 10, 11, 12

ENGLISH 1-2 ELL 010371/010372
This course offers the English 1-2 curriculum with enhanced vocabulary focus and cultural orientation for ELL students.
Prerequisites: Successful completion of ESL 3-4 or placement by ESL staff
Duration: 1 year Credit: 1 credit per semester, equivalent to English 1-2 Grade Level: 9, 10, 11

US HISTORY 1-2 ELL 031331/031332
This course is restricted for ESL students who are concurrently enrolled in ESL 3-4 or ESL 5-6. A special focus on language development is provided, but content and standards are the U.S. History standards. This course continues the study of United States history from 1914 to present. Students address the social, economic, and political development of the nation and relate it to both past and present. Instruction is organized around the themes of geography, history, economics, culture, and the elements of citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources, and technology.
Prerequisites: Concurrent enrollment in ESL 3-4 or Eng 1-2 ELL
Duration: 1 year Credit: 1 credit per semester Grade Level: 9, 10, 11, 12

PHYSICAL SCIENCE 1-2 ELL 060901-060902
This course is restricted for ESL students who are concurrently enrolled in ESL 3-4 or ESL 5-6. A special focus on language development is provided, but content and standards are the Physical Science 1-2 standards. Physical Science is an inquiry-based course designed to expose students to selected concepts in chemistry, physics, earth, and space science. Topics include matter, energy, forces and motion, Earth in space, and Earth structures and processes. This course provides a foundation for other science courses and meets the district requirement for physical science.
Prerequisites: Placement by ESL Staff
Duration: 1 year Credit: 1 credit per semester Grade Level: 9,10,11,12
For questions about Fine and Performing Arts offerings, please contact Jane.Luethge@ops.org
The Fine and Performing Arts Department encompasses Art, Drama, and Music. Students are provided opportunities to explore and to use creative talents as they develop an appreciation and understanding of the visual and performing arts. The fine and performing arts fall into the elective category for graduation. Although students are not required to take courses in this area, they are encouraged to participate in at least one of the areas in order to develop creative thinking skills and to acquire a lifelong appreciation of the arts. Many colleges require one year of study of the arts. An honors program in the Fine and Performing Arts enables highly motivated and extremely talented students to work at advanced levels within regularly scheduled classes. The honors program demands completion of instructional goals at higher levels of proficiency and accelerated paces.

Classes marked with an + may be eligible for Dual Enrollment at Omaha area colleges.

### ART

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Description</th>
<th>Prerequisite</th>
<th>Duration</th>
<th>Credit</th>
<th>Grade Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 1-2</td>
<td>110211/110212</td>
<td>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.</td>
<td>None</td>
<td>1 year</td>
<td>1 credit per semester</td>
<td>9, 10, 11, 12</td>
</tr>
<tr>
<td>ART 3-4</td>
<td>110251/110252</td>
<td>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.</td>
<td>Successful completion of Art 1-2</td>
<td>1 year</td>
<td>1 credit per semester</td>
<td>10, 11, 12</td>
</tr>
<tr>
<td>HONORS ART 3-4</td>
<td>110321/110322</td>
<td>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. This is the first semester of a yearlong course. Honors requirements are: attend formal exhibits and submit exhibit reviews/critiques; write an in-depth research paper; complete written abstracts about artists and their work; refine individual work for exhibition and/or competition each semester; and keep a drawing and reflection sketchbook.</td>
<td>B or better in Art 1-2 or instructor recommendation</td>
<td>1 year</td>
<td>1 credit per semester</td>
<td>10, 11, 12</td>
</tr>
<tr>
<td>ART 5-6</td>
<td>110291/110292</td>
<td>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.</td>
<td>Successful completion of Art 3-4</td>
<td>1 year</td>
<td>1 credit per semester</td>
<td>10, 11, 12</td>
</tr>
</tbody>
</table>
HONOR STUDIO ART 1-2 110591/190592

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.

Prerequisite:  B or better in 4 semesters of Art or permission of the instructor

Duration:  1 year  Credits:  1 per semester  Grade Level:  11

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.

Prerequisite:  Art 1-2

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

ADVANCED APPLIED DESIGN 1-2 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 vs. function and fine art vs. craft. Emphasis will be on craftmanship, 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. This is the first semester of a yearlong course.

Prerequisite:  Applied Design 1-2

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

COMPUTER GRAPHICS DESIGN 1-2 1110561/110562

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

Prerequisite:  None

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

COMPUTER GRAPHICS DESIGN 3-4 110571/110572

This course is a continuation of student preparation in the field of commercial art and graphic design. Students explore hardware and software used by the industry, building a portfolio of their work. This is the first semester of a year-long course. Prerequisite for the course is successful completion of Computer Graphic Design 1-2

Prerequisite:  Computer Graphics Design 1-2

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

COMPUTER GRAPHICS DESIGN 5-6 110581/110582

This is a third year advanced course in computer graphics with emphasis on individual student projects in commercial art and design. This is the second semester of a year-long course. Prerequisite for the course is successful completion of Computer Graphic Design 3-4.

Prerequisite:  Computer Graphics Design 3-4

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

Prerequisite: None
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

POTTERY 3-4 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.

Prerequisites: Successful completion of Pottery 1-2
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

POTTERY 5-6 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.

Prerequisites: Successful completion of Pottery 3-4 or instructor permission.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 11, 12

POTTERY 7-8 110791/110792
This course is an advanced, highly individualized course providing selected students an opportunity to individualize projects enhancing their style in the medium and communicating impact and voice in their work, while further exploring the philosophical and historical aspects of clay art. Focus is on creating a series of clay pieces on a chosen theme/concept, researching ceramic history or artists, keeping a pottery journal/sketchbook, becoming current with contemporary ceramic artists and styles, participating in workshops and mixing glazes.

Prerequisites: Successful completion of Pottery 5-6
Duration: 1 year  Credit: 1 credit per semester  Grade: 12

ADVANCED PAINTING 1-2 110361/110362
This course is designed to provide students an in-depth experience in painting techniques and media usage. Students will develop and understanding of realistic, abstract, and non-objective painting styles. Students will experience working in watercolor, tempera, acrylic and/or water-soluble oils. Students will explore aesthetic issues, examine and discuss historically important paintings from a variety of cultures, using the language of art criticism. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of art. This is a year-long course.

Prerequisites: Successful completion of Art 3-4
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 11, 12

+AP STUDIO ART 110391/110392
This course is designed for the serious art student who plans to take Advance Placement Art and/or art courses beyond high school. Students will work to develop technique, skill and personal style. Emphasis will be placed on building a body of work to be included in a portfolio. 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, aesthetics, and art criticism and art history. This course can be taken concurrently with other upper level art courses with art faculty permission.

Prerequisites: B or better in 4 semesters of art or teacher permission and concurrent enrollment in another upper level art course
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 12
AP DRAWING PORTFOLIO
Serious and highly motivated art students are invited to enroll in the 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.
This is a yearlong course. Preparing and submitting an AP portfolio is highly encouraged.

AP 2-D DESIGN PORTFOLIO
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. This course involves individualized work in a variety of 2-D media using personal, historic and cultural context. Students may use any 2-D medium or process including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, illustration, painting and printmaking. The unifying idea for the portfolio is that the student focuses on making decisions about how to use the principles and elements of art to create works of art that convey meaning. The student is required to devote an additional class period of independent study toward the development of the portfolio. Extensive sketchbook/journal and out-of-class assignments will be required. Course participants will be prepared, but not required, to take the Advanced Placement exam to earn college credit. Preparing and submitting an AP portfolio is highly encouraged.

AP 3-D DESIGN PORTFOLIO
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-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. Preparing and submitting an AP portfolio is highly encouraged.

DRAMA

DRAMA 1
This course provides an introduction to drama and theater as an art form. Students enrolled in this course will learn and apply basic principles of acting and fundamentals of stage terminology and audience etiquette. Participants will study, experience, and perform pantomime, improvisation, monologues, original scenes, and create, write, and perform original scripts/plays. Students will also study the technical aspects of theater and an introduction to theater history. Students are required to attend and critique all school play and musical productions. Honors credit is available for this course.
Prerequisites: None
Duration: 1 semester
Credit: 1 credit
Grade Level: 9, 10, 11, 12

DRAMA 2
This course provides an introduction to drama and theater as an art form. Students enrolled in this course will learn and apply basic principles of acting and fundamentals of stage terminology and audience etiquette. Participants will study, experience, and perform pantomime, improvisation, monologues, original scenes, and create, write, and perform original scripts/plays. Students will also study the technical aspects of theater and an introduction to theater history. Students are required to attend and critique all school play and musical productions. Honors credit is available for this course.
Prerequisites: Drama 1 or instructor permission
Duration: 1 semester
Credit: 1 credit
Grade Level: 9, 10, 11, 12
HONORS ADVANCED DRAMA 3-4 021731/021732
This course is a continued in-depth study and application of acting principles, terminology, and theater history. Students will also learn and apply the fundamentals of directing, stage, lighting, and costume design. Students are required to attend and critique two live stage productions per semester.
Prerequisites: C or better in Drama 1-2; or instructor permission
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

HONORS ADVANCED DRAMA 5-6 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: the actor, playwright, director, dramatic structure, dramatic genre and style. Students will perform monologues, scripted scenes and various other performance pieces that will develop acting skills and methods. In addition, students will learn and apply the fundamentals of directing, playwriting and theatre history in their acting work. Students are required to attend and critique all school play and musical productions and one other live stage production per semester. Additional requirements, responsibilities, and/or projects are a part of this course.
Prerequisites: Average B or above in Drama 3-4 or instructor permission.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 11, 12

STAGECRAFT 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, safe use of tools, basic set construction, and introduction to set design, introduction to theatrical lighting and sound, stage management, and the use of other theatrical equipment. In addition, students will be introduced to theatrical costumes, properties, and theatrical makeup and the role each plays within a production. Students are required to attend and critique all school play and musical productions.
Prerequisites: Average C or above in Drama 1-2 or Industrial Tech (or middle school equivalent) and teacher permission. Strong interest in the “behind the scenes” working of a theatrical production is a must. Some experience in building/construction is good, but not necessary. Honors credit is available for this course.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

ADVANCED STAGECRAFT 1-2 020691/020692
This course focuses on providing students with an advanced understanding of technical theater, set design and construction, the safe use of tools, theatrical rigging systems, and other theatrical equipment. Students enrolled in this course will read and technically analyze play/musical productions and take leadership roles in the technical dimension of school productions which include: designing and building sets, operating theatrical riggings, designing and leading the light, sound properties, makeup and costume crews, and stage management. They will also assist the technical director during school productions while maintaining focus on safety in all operations and procedures. Students must critique the production process and complete other projects related to technical theater in and outside of the classroom. Students are required to attend and critique all school play and musical productions. This course may be taken more than one time for credit.
Prerequisites: Average B or above in Stagecraft 1-2 and teacher permission. Honors credit is available for this course.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

MUSIC

MUSIC THEATRE ENSEMBLE 190461/190462
This course is a select ensemble cast of students who study, prepare, and perform songs and scenes from Broadway Musicals. Students in this ensemble must be enrolled in either a principal choral ensemble or a drama class. The class develops the student’s solo voice, their acting skills, and their participation in a group/team cast. Students are required to be at all performances and are selected through an audition process.
Prerequisites: Audition after successful completion of Men’s Chorus, Treble Ensemble, Treble Chorus, or Drama 1-2; MTE students need to enroll in Concert Choir or Advanced Drama course.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12
PREP BAND 190581/190582
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. Membership is by audition. **Prep Band members will also be included in the marching band activities that include after school and weekend events/practices.
Prerequisites: Previous experience and permission of band director. May be taken one time only except with teacher permission.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9

HONORS CONCERT BAND 190681/190682
This course is considered to be principal performing band in the high school instrumental music curriculum. Students will rehearse and perform standard band literature designed to strengthen basic musicianship and instrumental technique. Membership is by audition. In the senior high school, the Concert Band also serves as the nucleus for the marching band program as a part of the first semester's activities. Other performances include winter and spring concerts as well as the All-City Music Festival. Additional assignments and performances will be required for Honors credit. A large time commitment outside of the school day is a requirement for this course. The first semester of band, i.e. marching band, counts for 1 semester of PE credit. Four PE credits are required for graduation.
Prerequisites: Audition; interview/teacher selection
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

HONORS FLAG CORPS 191121/191192
This course is considered to be the principal performing corps in the high school instrumental music curriculum. Students will rehearse and perform standard flag corps routines with performance technique. In the senior high school, the Honors Flag Corp also serves as an extension of the marching band program during the first semester's activities. Other performances include winter and spring guard. Additional assignments and performances will be required for Honors credit. Students are required to participate in all scheduled performances. Each semester in this course qualifies for 1 credit of PE. Four PE credits are required for graduation.
Prerequisites: Audition; interview/teacher selection
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

HONORS ORCHESTRA 190791/190792
This course includes the rehearsal and performance of outstanding symphonic literature from the representative periods of music history. This literature provides for the development of both individual and ensemble skills. Performance includes winter and spring concerts as well as the All-City Music Festival. Membership is by audition. High school orchestra members also participate as a pit orchestra for the production of a school's Broadway musical. Additional assignments and performances will be required to earn Honors credit.
Prerequisites: Audition/teacher selection
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

JAZZ BAND 190591/190592
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.
Prerequisites: Audition/teacher selection. Concurrent enrollment in H Concert Band or H Orchestra.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

HONORS JAZZ BAND 190631/190632
This course is a high school instrumental ensemble comprised of advanced instrumental students who are simultaneously enrolled in Concert Band or Orchestra. Various jazz rudiments and improvisation techniques are introduced through a variety of jazz and popular styles of music. Additional assignments and performances may be required for Honors credit. Membership is by audition.
Prerequisites: Audition/teacher selection. Concurrent enrollment in H Concert Band or H Orchestra.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12
CONCERT CHOIR 190281/190282
This course is the principal performing choral organization of each high school. Students will rehearse and perform music of all musical periods of history in both accompanied and unaccompanied styles. Performance usually includes fall, winter and spring concerts as well as the All-City Music Festival. Membership is selected by audition.

Prerequisites: Audition/interview/teacher selection; teacher permission

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

HONORS CONCERT CHOIR 190351/190352
This course is the principal performing choral organization of each high school. Students will rehearse and perform music of all musical periods of history in both accompanied and unaccompanied styles. Performance usually includes fall, winter and spring concerts as well as the All-City Music Festival. Membership is selected by audition. This course is an extension of Course #190281/2 for the serious music student. Advisors guide the students in developing written plans for earning honors credit. (Honors Credit)

Prerequisites: Audition/interview/teacher selection; teacher permission only

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

TREBLE CHORUS 190311/190312
This course is open to all girls who wish to participate in a choral class of treble voices. Basic vocal concepts are stressed through literature that is appropriate soprano and alto voices. Performance opportunities are included as an extension of the classroom activities.

Prerequisite: Interest in vocal music

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

MEN’S CHORUS 191061/191062
This course is open to 9-12th graders who wish to participate in male chorus. Basic vocal concepts are stressed through literature that is appropriate for tenor and bass voices. Performance opportunities are included as an extension of the classroom activities including concerts and contests in the Omaha area.

Prerequisite: Interest in vocal music

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

HONORS TREBLE ENSEMBLE (Women)ONYX OVATION 190401/190402
This course is an advanced chamber ensemble for women selected by audition. Treble Ensemble members may be simultaneously enrolled in the school’s principal choral organizations. Frequent performance must be a student consideration for enrollment. This course is also considered a principal ensemble when students are considering other choral ensembles. This course is an extension of Courses #190391/2 and is for the serious music student. Advisors guide the students in developing written plans for earning honors credit. (Honors credit option.)

Prerequisite: Audition

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

HONORS SWING CHOIR (SYNERGY) 190331/190332
This course is the principal swing choir of each high school. These advanced choral ensembles, which usually consist of three to five mixed, equally balanced quartets, are available by audition to students who are simultaneously enrolled in one of the school’s principal choral organizations. One of the primary functions of these groups is to serve as “ambassadors” for the school. Choreographed routines and frequent performance, often requiring time outside of school, must be a student consideration for enrollment.

Prerequisites: Audition/teacher selection/membership in Concert Choir, Women’s Choir or Men’s Chorus; teacher permission

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

AP MUSIC THEORY 191521/191522
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. AP Exam is highly encouraged. This class is designed for students who are in a music-based class at Burke. This course is offered every other school year.

Prerequisite: Students must be concurrently enrolled in a music course.

Duration: Daily for 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12
Human Sciences & Education

**OPS Graduation Requirements:**
All Students Must Complete 1 Credit of Human Growth and Development or Have a Parent Waiver on File with the School Counseling Office

Every Burke Sophomore must take:

Human Growth and Development or Honors Human Growth and Development

*Students May Choose To Take Courses Below for Elective Credit:*

**Child Development**
- Intro to Child Development 1-2
- Honors Child Development 1-2
- Honors Child Development 3-4
- Honors Child Development 5-6

**Other HSE Electives**
- Honors Introduction to Education 1-2
- Honors Human Services 1-2
- Independent Study/Field Experience 1-2

**Culinary**
- Foods 1-2
- Culinary Skills 1-2

**Teen Parenting**
- Teen Parenting 1-2
- Teen Parenting 3-4
- Teen Parenting 5-6
- Teen Parenting 7-8

**Clothing, Textiles, and Design**
- Clothing and Textiles 1-2
- Clothing and Textiles 3-4
- Design Workshop 1-2
- Computer Design Fashion 1-2
- Computer Design Fashion 3-4

For questions about Human Sciences and Education offerings, please contact Andrew.Brooks@ops.org
### HUMAN SCIENCES AND EDUCATION

**HUMAN GROWTH HS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>070931</td>
<td>This course helps senior high students acquire responsible decision-making</td>
</tr>
<tr>
<td></td>
<td>skills related to wellness, communication skills, healthy relationships,</td>
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<tr>
<td></td>
<td>preventing abuse, chemical usage, sexuality, prenatal care, etc. All senior</td>
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<td></td>
<td>high school students are required to enroll in one of the Human Growth</td>
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<tr>
<td></td>
<td>and Development courses, but a parent/guardian may choose to opt</td>
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<tr>
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<td>out his/her student.</td>
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<tr>
<td></td>
<td><strong>Prerequisite:</strong> None</td>
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<td></td>
<td><strong>Duration:</strong> 1 semester</td>
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<tr>
<td></td>
<td><strong>Credit:</strong> 1 credit</td>
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<td></td>
<td><strong>Grade Level:</strong> 10, 11, 12</td>
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**HONORS HUMAN GROWTH HS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>070981</td>
<td>This honors course helps senior high students acquire responsible</td>
</tr>
<tr>
<td></td>
<td>decision-making skills related to wellness, communication, healthy</td>
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<tr>
<td></td>
<td>relationships, preventing abuse, chemical usage, sexuality, prenatal care,</td>
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<tr>
<td></td>
<td>etc. Expectations include additional reading assignments and more in-depth</td>
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<tr>
<td></td>
<td>projects than the regular Human Growth course. All senior high school</td>
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<tr>
<td></td>
<td>students are required to enroll in one of the Human Growth and Development</td>
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<td></td>
<td>courses, but a parent/guardian may choose to opt out his/her student.</td>
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<tr>
<td></td>
<td><strong>Prerequisite:</strong> None</td>
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<td></td>
<td><strong>Duration:</strong> 1 semester</td>
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<td></td>
<td><strong>Credit:</strong> 1 credit</td>
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<td></td>
<td><strong>Grade Level:</strong> 10, 11, 12</td>
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**SPORTS NUTRITION**

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>140141</td>
<td>This course focuses on general nutrition, healthy lifestyles, diet choices,</td>
</tr>
<tr>
<td></td>
<td>and optimal athletic performance.</td>
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<tr>
<td></td>
<td><strong>Prerequisite:</strong> None</td>
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<tr>
<td></td>
<td><strong>Duration:</strong> 1 semester</td>
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<tr>
<td></td>
<td><strong>Credit:</strong> 1 credit</td>
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<td></td>
<td><strong>Grade Level:</strong> 9, 10, 11, 12</td>
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**INTRO TO CHILD DEVELOPMENT 1-2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>140721</td>
<td>This course will provide students with knowledge and skills necessary for</td>
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<tr>
<td></td>
<td>working with children as parents or caregivers. Topics of study will include</td>
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<td>parenting readiness, guidance, family differences, prenatal development, the</td>
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<td></td>
<td>birth process, and early childhood developmental stages.</td>
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<td></td>
<td><strong>Prerequisite:</strong> None</td>
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<td></td>
<td><strong>Duration:</strong> 1 year</td>
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<tr>
<td></td>
<td><strong>Credit:</strong> 1 credit</td>
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<td></td>
<td><strong>Grade Level:</strong> 9, 10, 11, 12</td>
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</tbody>
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**+HONORS CHILD DEVELOPMENT 1-2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>140731</td>
<td>This honors course introduces the challenges and responsibilities of</td>
</tr>
<tr>
<td></td>
<td>guiding the physical, emotional, social and intellectual development of</td>
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<tr>
<td></td>
<td>children. This course is aligned with a dual credit opportunity and is a</td>
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<tr>
<td></td>
<td>required course for the Early Childhood Career Pathway. Must provide own</td>
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<tr>
<td></td>
<td>transportation to observation sites.</td>
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<tr>
<td></td>
<td><strong>Prerequisite:</strong> Intro to Child Development 1-2, or Parenting prior to</td>
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<td></td>
<td>2018-19 School Year</td>
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<tr>
<td></td>
<td><strong>Duration:</strong> 1 year</td>
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<td></td>
<td><strong>Credit:</strong> 1 credit per semester</td>
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<td></td>
<td><strong>Grade Level:</strong> 10, 11, 12</td>
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</tbody>
</table>

**+HONORS CHILD DEVELOPMENT 3-4**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>140741</td>
<td>This honors course prepares students for the challenges and responsibilities</td>
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<tr>
<td></td>
<td>of guiding the physical, emotional, social and intellectual development of</td>
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<tr>
<td></td>
<td>children and for employment in the childcare field. This course is aligned</td>
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<tr>
<td></td>
<td>with a dual credit opportunity and is required for the Early Childhood</td>
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<tr>
<td></td>
<td>Career Pathway. Must provide own transportation to observation sites.</td>
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<tr>
<td></td>
<td><strong>Prerequisite:</strong> Honors Child Development 1-2 needed</td>
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<tr>
<td></td>
<td><strong>Duration:</strong> 1 year</td>
</tr>
<tr>
<td></td>
<td><strong>Credit:</strong> 1 credit per semester</td>
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<td></td>
<td><strong>Grade Level:</strong> 11, 12</td>
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</tbody>
</table>

**+HONORS CHILD DEVELOPMENT 5-6**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>140541</td>
<td>This dual enrolled course with MCC (1110 &amp; 1120) focuses on development of</td>
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<td>children prenatal through 5 years old. It examines planning curriculum for</td>
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<td></td>
<td>physical growth, motor skills, cognition, language, and social/emotional</td>
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<tr>
<td></td>
<td>development. This course requires field experiences in early childhood</td>
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<tr>
<td></td>
<td>education settings each semester. Classes are held at the early childhood</td>
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<td></td>
<td>center at 1612 N. 24th Street. Student background checks are required by</td>
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<tr>
<td></td>
<td>Nebraska state law for working in preschools. The background check and dual</td>
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<td></td>
<td>enrollment costs are the responsibility of each student. Must provide own</td>
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<tr>
<td></td>
<td>transportation.</td>
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<tr>
<td></td>
<td><strong>Prerequisite:</strong> Honors Child Development 3-4 needed</td>
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<tr>
<td></td>
<td><strong>Duration:</strong> 1 year</td>
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<td></td>
<td><strong>Credit:</strong> 1 credit per semester</td>
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<td></td>
<td><strong>Grade Level:</strong> 11, 12</td>
</tr>
</tbody>
</table>
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.
Prerequisite: None
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 11, 12

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.
Prerequisite: Pregnant or parenting students only
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

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.
Prerequisite: None
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

CAD 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, costuming and career dressing. These concepts will be included in a portfolio and/or presentation boards.
Prerequisites: C or better in Fashion Design 1-2
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

DESIGN WORKSHOP 1-2 140201/140202
This course incorporates basic principles of apparel construction with the practical use of equipment. Garments that were designed in Computer Design for Fashion will be constructed in this class.
Prerequisites: Completion of Clothing and Textiles 3-4 or CAD Fashion 3-4
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 11, 12

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.
Prerequisite: None
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

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.
Prerequisite: Clothing and Textiles 1-2
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12
FOODS 1-2  
This course introduces nutrition, wellness and food preparation skills to students. The course involves the study of cultural and social aspects of nutrition and food time management. This course requires students to pass safety tests for each unit. Without a passing grade on these tests, students cannot participate in labs and will receive a score of 0 on assignments in that unit that require the skills on the test.

Prerequisite: None
Duration: 1 year  
Credit: 1 credit per semester  
Grade Level: 9, 10, 11

CULINARY SKILLS 1-2  
This course introduces professional skills related to the culinary industry including basic cooking procedures, kitchen safety and sanitation, tool and equipment usage, and preparation of stocks and sauces. Students will apply these skills through catering projects and experiences. This course requires students to pass safety tests for each unit. Without a passing grade on these tests, students cannot participate in labs and will receive a score of 0 on assignments in that unit that require the skills on the test.

Prerequisites: C or better in Foods 1-2 and Instructor Permission
Duration: 1 year  
Credit: 1 credit per semester  
Grade Level: 10, 11, 12

+HONORS HUMAN SERVICES 1-2  
This honors course helps students explore the career opportunities available in the area of human services. Students will receive hands-on opportunities to explore career settings and to interact with clients in each of the four settings of childcare, social services, education and geriatrics. Students must provide own transportation to practicum sites & 2 summer community service projects required.

Prerequisites: C or better in Intro to Child Development 1-2 or concurrent enrollment or H Child Development 1-2 prior to 2018-19 School Year
Duration: 1 year  
Credit: 1 credit per semester  
Grade Level: 11, 12

+HONORS INTRODUCTION TO EDUCATION  
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. Must concurrently enroll in Independent Study/Field Experience/ FCS 1-2. Students must provide own transportation to practicum sites.

Prerequisites: Completion of Intro to Child Development 1-2 or concurrent enrollment
Duration: 1 year  
Credit: 1 credit per semester  
Grade Level: 10, 11, 12

INDEPENDENT STUDY/FIELD EXPERIENCE/FCS 1-2  
This course is designed as independent study for students desiring advanced study in an area of family and consumer sciences. Projects are arranged through the teacher and require self- monitoring and cooperation. Students should concurrently enroll in Honors Introduction to Education.

Prerequisites: Concurrent Enrollment in Honors Intro to Education
Duration: 1 year  
Credit: 1 credit per semester  
Grade Level: 10, 11, 12
Mathematics

The Mathematics course in which a student begins varies from student to student and is determined by a number of factors including, but not limited to:

Previous math courses and grades earned, math test scores, and Teacher Recommendations.

Once a student is placed Freshmen year, they should follow the Mathematics Course sequence diagram below:

**OPS Graduation Requirements:**
All Students Must Complete 6 Credits (3 years) of Mathematics. Any additional Mathematics credits may be used for elective credit.

For questions about Mathematics offerings, please contact Kathleen.Mauseth@ops.org
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.

+ Course may be eligible for Dual Enrollment at Omaha area colleges.

### 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 percentages, solving linear equations and inequalities, graphing linear equations, working with polynomials, and using measures of central tendency to interpret data.

**Prerequisite:** None

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

### ALGEBRA 1-2
040271/040272

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.

**Prerequisite:** None

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

### ^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, and 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.

**Prerequisites:** Any one of the following*: 1.) Grade of “A” in Pre-Algebra 1 and 2. 2.) MAP Math score at or above a score determined by District Math Supervisor. 3.) Orleans-Hanna Algebra Prognosis Test Score at or above 75

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 9

### 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 proofs, coordinate geometry, properties of polygons and circles, and perimeter, area, and volume of two- and three-dimensional figures.

**Prerequisite:** Successful completion of both semesters of Algebra 1-2

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

### ^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 proofs, 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.

**Prerequisites:** Any one of the following*: 1.) Grade of “A” in Algebra 1 and 2. 2.) Grade of “B” or higher in Honors Algebra 1 and 2. 3.) MAP Math score at or above a score determined by District Math Supervisor.

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 9, 10

### 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.

**Prerequisites:** Successful completion of both semesters of Algebra 1-2 with passing grades.

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 10, 11, 12
**HONORS ALGEBRA 3-4**

This is the honors section of Algebra 3-4. As such the topics and concepts will be covered in more depth, and additional content is present as well. This course covers the topics of a traditional second-year algebra course. Content includes solving polynomial equations as well as linear, absolute value, and quadratic equations and inequalities, and working with exponents and logarithms, complex numbers, systems of equations and inequalities, matrix algebra and matrix solutions to systems of equations, series and sequences, and compound probability. Appropriate technology will be used to assist in instruction and learning.

**Prerequisites:** Any one of the following*: 1.) Grade of “A” in Algebra 1 and 2 or Geometry 1 and 2. 2.) Grade of “B” or higher in Honors Algebra 1 and 2 or Honors Geometry 1 and 2. 3.) MAP Math score at or above a score determined by District Math Supervisor.

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

**CONSUMER MATH 1-2**

This course is for seniors only. It is designed to help students develop an understanding of the reasons for and the benefits derived from taxes, the services available from banks and other lending institutions, the workings of insurance, and the basic concepts of consumer credit. The skills obtained in this course will help students become mathematically knowledgeable citizens.

**Prerequisites:** Algebra 1-2  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 12 (Graduating in May)

**MATH ANALYSIS 1-2**

Math Analysis is a full-year terminal math course for students who have reached proficiency in advanced algebra topics but have no intention of pursuing math- or science-related fields of study in post-secondary school. The course content includes Critical Thinking, Set Theory, Number Theory, Functions, Measurement, Personal Finance, Combinatorics, Probability, Statistics, and Logic.

**Prerequisites:** Algebra 3-4  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 12

**PROBABILITY & STATISTICS 1-2**

This course offers a study of statistical methods and would be of use for any student planning to pursue professional study in medicine, biology, sociology, psychology, economics, or business. The content includes permutations, combinations, axiomatic probability, organizing and reporting data, binomial and normal distributions, sampling distributions, hypothesis testing, and confidence intervals.

**Prerequisites:** Algebra 3-4  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12

**PRECALCULUS/TRIGONOMETRY 1-2**

This course includes topics of mathematics that are necessary for the successful study of calculus. Topics include polar coordinates, right triangle trigonometry, circular functions, logarithms, and graphs of rational and polynomial relations and functions. Note: It is recommended that non-senior students planning on enrolling in AP Calculus should enroll in Honor Pre-calculus/Trigonometry instead of this course.

**Prerequisites:** Successful completion of both semesters of Algebra 3-4.

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12

**HONORS PRECALCULUS/TRIGONOMETRY 1-2**

This course is the honors section of Pre-calculus/trigonometry. This course includes topics of mathematics that are necessary for the successful study of calculus. Topics include polar coordinates, right triangle trigonometry, circular functions, logarithms, and graphs of rational and polynomial relations and functions.

**Prerequisites:** Proficient or advanced grades in both semesters of Honors Algebra 3-4, or advanced grades in both semesters of Algebra 3-4 and teacher recommendation.

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 9, 10, 11, 12
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. Students are strongly encouraged to take the AP Exam.

**Prerequisites:** *Proficient or advanced grades in both semesters of Pre-calculus/Trigonometry 1-2 or teacher recommendation

**Duration:** 1 year **Credit:** 1 credit per semester **Grade Level:** 11, 12

+ADVANCED PLACEMENT CALCULUS AB 1-2  
This course follows the College Board's Advanced Placement syllabus for Calculus AB, which stresses the concept of limit and introduces the student to differential and integral calculus, including both theorems and techniques. Students are strongly encouraged to take the AP Exam.

**Prerequisites:** Proficient or advanced grades in both semesters of Honors Pre-calculus/Trigonometry 1-2 or teacher recommendation.

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

+ADVANCED PLACEMENT CALCULUS BC 1-2  
This course follows the College Board's Advanced Placement syllabus for Calculus BC, which includes functions, graphs, limits, derivatives, integrals, polynomial approximations, and series. Students are strongly encouraged to take the AP Exam.

**Prerequisites:** Students enrolling in this course should have proficient or advanced grades in both semesters of Honors Pre-calculus/Trigonometry or teacher recommendation.

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

HONORS CALCULUS 3  
Topics are from multivariable calculus and include partial derivatives, multiple integrals, and calculus of vector functions.

**Prerequisites:** Students enrolling in this course should have successfully completed AP Calculus BC 1-2.

**Duration:** 1 semester **Credit:** 1 credit **Grade Level:** 11, 12

HONORS DIFFERENTIAL EQUATIONS  
Topics include first order, linear, or homogeneous differential equations and systems; the Laplace transform; boundary value problems; series and numerical solutions; and nonlinear systems.

**Prerequisites:** Students enrolling in this course should have successfully completed AP Calculus BC 1-2.

**Duration:** 1 semester **Credit:** 1 credit **Grade Level:** 11, 12
Military Science

Students May Choose To Take Courses Below for Elective Credit:

JROTC 1-2 Introduction to Leadership Development (Let 1) or Honors

JROTC 3-4 Intermediate Leadership Development (Let 2) or Honors

Honors JROTC 5-6 Advanced Leadership Development (Let 3)

Honors JROTC 7-8 Applied Leadership Development (Let 4)

The courses below may be taken concurrently with any JROTC course:

JROTC Color Guard

Beginning Marksmanship → Intermediate Marksmanship → Advanced Competitive Marksmanship

OPS Graduation Requirements:

All Students Must Complete 16 Elective Credits

All Students Must Complete 4 Credits of Physical Education. Students who complete JROTC 1-2 and JROTC 3-4 may use these four credits for the Physical Education graduation requirement.

For questions about Physical Education and Military Science offerings, please contact Kathleen.Mausteth@ops.org

Army Junior Reserve Officers' Training Corps (AJROTC) is offered to students in the 9th through 12th grades. The AJROTC program prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. The program is a stimulus for promoting graduation from high school and provides instruction and rewarding opportunities that benefit the student, community, and nation. There is no military service obligation or expectation.

AJROTC is structured along the lines of an Army unit to develop student leadership at each grade level under the direct supervision of the instructors. The scope, focus, and content of instruction is sequential; it reflects and builds on the previous year’s curriculum. Emphasis is placed on citizenship, leadership, the development of communication skills, the incorporation of historical perspectives and the significance of service learning. Competitiveness in physical fitness and military skills are also emphasized. Students who complete AJROTC 1 - 2 and AJROTC 3 - 4 may substitute these two years of AJROTC credit for the graduation requirement in Lifetime Wellness and Physical Education.

Students completing three years of AJROTC may enter the active service at advanced pay grades, may receive advanced credit in Senior (college) ROTC and may enhance opportunities for scholarship or acceptance at one of the U.S. Service Academies. A fourth-year of AJROTC may be applied toward graduation requirements.
**JROTC 1-2 INTRODUCTION TO LEADERSHIP DEVELOPMENT (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.

**Prerequisite:** None

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

**HONORS JROTC 1-2: INTRODUCTION TO LEADERSHIP DEVELOPMENT (LET 1)** 070641/070642

This course will incorporate all the requirements of JROTC 1-2.

Additional reading and writing, including (but not limited to), research papers. A cadet will be required to do two community service projects or two school service projects. Each honors cadet will be required to present one period of instruction per quarter. The honors cadet will assume a leadership position to demonstrate skills and traits taught in leadership class. All enrolled cadets are required to wear the Army Junior ROTC uniform at least once a week, during the school day, or, as specified by the Senior Army Instructor. All cadets are required to participate in the Junior ROTC physical fitness program and other activities. This course counts as a physical education credit.

**Prerequisite:** Requires instructor approval

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

**JROTC 3-4 INTERMEDIATE LEADERSHIP DEVELOPMENT (LET 2)** 070821/070822

This course includes classroom instruction and laboratory instruction expanding skills taught in JROTC 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.

**Prerequisite:** JROTC 1-2, Requires instructor approval

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

**HONORS JROTC 3-4: INTERMEDIATE LEADERSHIP DEVELOPMENT (LET 2)** 070621/070622

This course will incorporate all the requirements of JROTC 3-4.

Additional reading and writing, including (but not limited to), research papers. A cadet will be required to do two community service projects or two school service projects. Each honors cadet will be required to present one period of instruction per quarter. The honors cadet will assume a leadership position to demonstrate skills and traits taught in leadership class. All enrolled cadets are required to wear the Army Junior ROTC uniform at least once a week, during the school day, or, as specified by the Senior Army Instructor. All cadets are required to participate in the Junior ROTC physical fitness program and other activities. This course counts as a physical education credit.

**Prerequisite:** JROTC 1-2, Requires instructor approval

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

**HONORS JROTC 5-6 ADVANCED LEADERSHIP DEVELOPMENT (LET 3)** 070751/070752

This course will incorporate all the requirements of JROTC 5-6. The honors cadet will be required to do additional reading and writing, including (but not limited to), research paper. The cadet will be required to do two community service projects or two school service projects. Each honors cadet will be required to present one period of instruction per quarter. The honors cadet will assume a leadership position to demonstrate skills and traits taught in leadership class. All enrolled cadets are required to wear the Army Junior ROTC uniform at least once a week, during the school day, or, as specified by the Senior Army Instructor. All cadets are required to participate in the Junior ROTC physical fitness program and other activities. This course counts as a physical education credit.

**Prerequisite:** JROTC 3-4, Requires instructor approval

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12
HONORS JROTC 7-8 APPLIED LEADERSHIP DEVELOPMENT (LET 4) 070741/070742
This course will incorporate all of the requirements of JROTC 7-8. In addition, cadets must complete readings on the role of the Army in support of national objectives and leadership, present one period of instruction per quarter, and complete one research paper on a selected topic. The honors cadet will be required to do two community service projects or two school service projects. Each honors cadet will be required to present one period of instruction per quarter. All enrolled cadets are required to wear the Army Junior ROTC uniform at least once a week, during the school day, or, as specified by the Senior Army Instructor. All cadets are required to participate in the Junior ROTC physical fitness program and other activities. This course counts as a physical education credit.

Prerequisites: JROTC 5-6, Requires instructor approval
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 12

JROTC COLOR GUARD 070631
Cadets will study the history of Color Guard, Honor Guard, Saber Team, and Drill. Cadets will learn how these elements have been used by the military to instill discipline and maintain tradition. Cadets will receive instruction on how to function as a member of a color guard in parades, sports activities, events, and competitions. Cadets will learn the intricacies of regulation drill without and with rifles. Cadets will also learn customs and courtesies of the National Flag. Cadets will become proficient in the use and proper handling of the saber. This course will enable cadets to become knowledgeable leaders in all aspects of color guard, honor guard, saber team, and drill. This course is offered in the Spring Semester.

Prerequisites: Concurrent enrollment in JROTC
Duration: 1 semester  Credit: 1 credit  Grade Level: 9, 10, 11, 12

BEGINNING MARKSMANSHIP 070781
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.

Prerequisites: Normal distance vision with glasses and Instructor approval & concurrent enrollment in JROTC
Duration: 1 semester  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

INTERMEDIATE MARKSMANSHIP 071051/071052
Intermediate Marksmanship is a continuation of beginning marksmanship. This course provides continued instruction and training in firearm safety, marksmanship, coaching, and target scoring. 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.

Prerequisites: Beginning Marksmanship, Instructor approval and concurrent enrollment in JROTC
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

ADVANCED MARKSMANSHIP 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.

Prerequisites: Beginning Marksmanship and instructor approval concurrent enrollment in JROTC
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12
PHYSICAL EDUCATION

All physical education classes are coeducational. Courses are offered on a semester basis. A wide variety of classes are offered so that students can learn physical forms of recreation for lifetime leisure enjoyment. All students must successfully complete 4 semesters of Physical Education in order to graduate from Burke. All students are strongly encouraged to successfully complete the General Physical Education class during their first year at Burke. Passing this course is a prerequisite for taking all other Physical Education electives. Due to limited facilities, when a student has completed 4 semesters of Physical Education classes, he/she must obtain department permission to take additional semesters in the Physical Education Department.

Our physical education curriculum is based on participation. Credit is earned based on the student being physically present, in physical education attire, and being capable of performing basic physical education activities. If a student is physically incapable of performing basic functions in that particular activity for more than a period of 15 school days in one semester, that student will be recommended for removal from class. It maintains a fair and impartial standard of earning credit. In the best interest of the student’s health, we encourage good, open communication among all parties: student, parent, teacher, and doctor. Clarification of what is and is not physically possible is important. Often times all can agree on how to maintain credit without harming the student's health. Any unusual situations that keep the students out of school or out of an activity for an extended period of time, could be appealed to the Academic Director for consideration. However, sometimes the limitations and class time missed are too numerous to adequately earn credit. Prompt communication with the teacher and the Academic Director is essential.

PHYSICAL EDUCATION 1-2 070181/070182
This course involves students in the development of personal fitness and participation in a variety of sports, games, and dance activities. Aquatics are taught where facilities permit.
Prerequisite: None
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12
SWIM/AQUATICS 1  070321

This course is instruction in American Red Cross aquatics
Prerequisite: None
Duration: 1 semester  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

AEROBICS 1-2  070451/070452

This course provides class activities designed for improvement in cardio-respiratory endurance, flexibility, and muscular development. Activities may include jogging, power walking, water exercise, step aerobics, line dancing, physical fitness, goal-setting and nutritional planning.
Prerequisite: Successful completion of Physical Ed 1-2
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

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.
Prerequisite: Successful completion of Aerobic 1-2
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 11, 12

LIFETIME SPORTS 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.
Prerequisite: Successful completion of Physical Ed 1-2
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

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.
Prerequisites: Successful completion of Physical Ed 1-2, PE Teacher recommendation
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

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.
Prerequisites: Successful completion of Physical Ed 1-2, PE Teacher recommendation
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12

ADVANCED WEIGHT TRAINING/CONDITIONING 1-2 (ZERO HOUR)  019TEMP09

This is the second year class that expands instruction in strength, flexibility and aerobic training.
Prerequisites: PE Teacher recommendation and successful completion of Weight Training/Conditioning 1-2 or Light Weight Training/Conditioning 1-2
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 11, 12

ADVANCED WEIGHT TRAINING/CONDITIONING  070281/070282

This is a second year class that expands instruction in strength, flexibility and aerobic training.
Prerequisites: PE Teacher recommendation and successful completion of Weight Training/Conditioning 1-2 or Light Weight Training/Conditioning 1-2
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 11, 12

ADVANCED SWIMMING & AQUATICS  070341/070342

The purpose of this course is to provide lifeguard candidates and lifeguards with the skills and knowledge needed to prevent and respond to aquatic emergencies. Students will learn CPR as well as first aid. Students must be able to complete two swimming prerequisites in order to participate in the course.
Prerequisites: Teacher recommendation, must be 15 years old AND meet Red Cross requirements for lifeguard training.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 10, 11, 12
Science

The Science course in which a student is enrolled in Freshmen year is determined by several factors including, but not limited to:

Previous science courses and grades earned, science test scores, and Teacher Recommendations.

Once a student is placed Freshmen year, they should follow the Science Course sequence diagram below:

OPS Graduation Requirements:
Students must complete 6 Credits of Science. These must include Physical Science, Biology and a Science Elective. Any additional Science courses may be used for elective credit.

Advanced Placement Science Elective Offerings

Science Elective Offerings

For questions about Science offerings, please contact Kathleen.Mauseth@ops.org
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.

+ Course may be eligible for Dual Enrollment at Omaha area colleges.

### PHYSICAL SCIENCE 1-2

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<thead>
<tr>
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<tbody>
<tr>
<td>Physical Science is an inquiry-based course designed to expose students to selected concepts in chemistry, physics, earth, and space science. Topics include matter, energy, forces and motion, Earth in space, and Earth structures and processes. This course provides a foundation for other science courses and meets the district requirement for physical science.</td>
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<tr>
<td>Prerequisite: None</td>
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<tr>
<td>Duration: 1 year</td>
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<tr>
<td>Credit: 1 credit per semester</td>
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<td>Grade Level: 9</td>
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### HONORS PHYSICAL SCIENCE 1-2

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<tbody>
<tr>
<td>Physical Science is an inquiry-based course designed to expose students to selected concepts in chemistry, physics, earth, and space science. Students enrolled in honor courses have additional experiences that require a more rigorous program of study.</td>
</tr>
<tr>
<td>Prerequisites: Any one of the following*: 1.) Grades of “B” or higher in Science 8 1 and 2 AND concurrent enrollment in Algebra 1-2 or higher math course. 2.) 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.</td>
</tr>
<tr>
<td>Duration: 1 year</td>
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<tr>
<td>Credit: 1 credit per semester</td>
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<td>Grade Level: 9</td>
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### BIOLOGY 1-2

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<tr>
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<tbody>
<tr>
<td>This course engages students in inquiry-based problem solving as they investigate biological issues that are relevant to their daily lives. Topics of study include: the cell; the molecular basis of heredity; biological evolution; the interdependence of organisms; and matter, energy, and organization in living systems. This course meets the district requirement for biology.</td>
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<tr>
<td>Prerequisites: Students should have completed both semesters of Physical Science 1-2, or concurrent enrollment.</td>
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<tr>
<td>Duration: 1 year</td>
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<td>Credit: 1 credit per semester</td>
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<td>Grade Level: 10</td>
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### HONORS BIOLOGY 1-2

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<th>Code: 060431/060432</th>
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<tbody>
<tr>
<td>This course engages students in inquiry-based problem solving as they investigate biological issues that are relevant to their daily lives. Students enrolled in honor courses have additional experiences that require a more rigorous program of study.</td>
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<td>Prerequisites: Any one of the following*: 1.) Grade of “A” in Physical Science 1 and 2 (Current 9th Grade Only). 2.) Grade of “B” or higher in Honors Physical Science 1 and 2. 3.) MAP Science score at or above a score determined by District Science Supervisor.</td>
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<tr>
<td>Duration: 1 year</td>
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<td>Credit: 1 credit per semester</td>
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<td>Grade Level: 9, 10</td>
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### ASTRONOMY

<table>
<thead>
<tr>
<th>Code: 060801</th>
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<tbody>
<tr>
<td>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.</td>
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<td>Credit: 1 credit</td>
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<td>Grade Level: 9, 10, 11, 12</td>
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HONORS ASTRONOMY 1-2 060811/060812
Honors 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. Students enrolled in honors courses have additional experiences that require a more rigorous program of study. This course is a more in-depth study of the topics in Astronomy. Students are required to complete and present research-based projects.

Prerequisite: Physical Science 1-2 and Biology 1-2 or concurrent enrollment in Biology 1-2.
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 10, 11, 12

CHEMISTRY 1-2 060551/060552
This course engages students in both theoretical and practical problem-solving strategies as they investigate chemical issues that are relevant to their daily lives. Topics of study include laboratory processes, chemical safety, atomic structure, properties of matter, and chemical reactions.

Prerequisite: Students should have completed Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Algebra 1-2.
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 10, 11, 12

HONORS CHEMISTRY 1-2 060561/060562
This course engages students in both theoretical and practical problem-solving strategies as they investigate chemical issues that are relevant to their daily lives. Topics of study include laboratory processes, chemical safety, atomic structure, properties of matter, and chemical reactions. Students enrolled in honors courses have additional experiences that require a more rigorous program of study.

Prerequisites: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Algebra 1-2.
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 10, 11, 12

PHYSICS 1-2 060601/060602
This course engages students in an inquiry-based, problem-solving approach to investigate the physical laws that are fundamental to all science. Topics of study include: motion and technological design; the effects of forces on motion; the origin of the universe; conservation of energy; and the interaction of energy and matter.

Prerequisite: Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation), and successful completion of, or concurrent enrollment in, Geometry 1-2.
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 10, 11, 12

ENVIRONMENTAL SCIENCE 1 060351
This course will allow the student to develop insights and skills needed to make decisions regarding the environment. The class will provide the student basic knowledge on ecosystems and how they work. In addition, the student will learn how they affect the environment, what they can do to use the environment wisely, and preserve what is left. This course will include hands-on experience, simulations, and outside activities. In the end, the students will learn about the world they live in.

Prerequisites: Physical Science 1-2 and Biology 1-2
Duration: 1 semester
Credit: 1 credit
Grade Level: 10, 11, 12

HONORS ENVIRONMENTAL SCIENCE 1-2 060371/060372
This course will allow the student to develop insights and skills needed to make decisions regarding the environment. The class will provide the student basic knowledge on ecosystems and how they work. In addition, the student will learn how they affect the environment, what they can do to use the environment wisely, and preserve what is left. This course will include hands-on experience, simulations, and outside activities. In the end, the students will learn about the world they live in. Students enrolled in honors courses have additional experiences that require a more rigorous program of study.

Prerequisites: Physical Science 1-2 and Biology 1-2
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 10, 11, 12

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MARINE BIOLOGY 060821
Marine Biology 1-2 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.
Prerequisites: Physical Science 1-2 and Biology 1-2.
Duration: 1 semester Credit: 1 credit per semester Grade Level: 10, 11, 12

HONORS MARINE BIOLOGY 061821
Honors Marine Biology includes all of the same requirements as Marine Biology. It also includes additional course requirements of additional course unit study / or a research component. 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. Students enrolled in honors courses have additional experiences that require a more rigorous program of study.
Prerequisites: Physical Science 1-2 and Biology 1-2.
Duration: 1 semester Credit: 1 credit per semester Grade Level: 10, 11, 12

EARTH SCIENCE 3-4 061061/061062
This course 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.
Prerequisites: Physical Science 1-2 and Biology 1-2.
Duration: 1 year Credit: 1 credit per semester Grade Level: 11, 12

+HONORS NUCLEAR SCIENCE 1-2 061351/061352
Students will explore many aspects of energy, but concentrate on nuclear science. Topics include nuclear reactors, thermonuclear fusion, nuclear medicine, nuclear forensics, nuclear waste, space propulsion, nuclear weapons, and radiation impacts on humans. Energy topics include renewable and non-renewable energy sources, environmental impacts, sustainability, and national security with global perspectives. This course uses business, science, engineering, math, and technology to understand and solve issues related to energy and nuclear science. Applied mathematics in the areas of physics and nuclear science will be emphasized in lessons and assessments.
Prerequisites: Students should have completed Physical Science 1-2, Biology 1-2, and Algebra 3-4 with proficient or advanced grades, or Teacher Recommendation.
Duration: 1 year Credit: 1 credit per semester Grade Level: 11, 12

FORENSIC SCIENCE 061331/061332
This course promotes active learning and emphasizes the application and integration of math, chemistry, biology, physics, and earth science. Topics covered include: The collection, handling, and examination of trace evidence such as hair, fibers, soil, pollen, and glass; fingerprint, blood, and blood splatter examination; DNA, drug and toxicology testing; handwriting and tool mark analysis; voice examination; impressions; ballistics, and forensic anthropology. *This class studies real crime scenarios and some students may find the content disturbing.
Prerequisites: Physical Science 1-2 and Biology 1-2
Duration: 1 year Credit: 1 credit per semester Grade Level: 11, 12
**ANATOMY & PHYSIOLOGY** 060931/060932

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

**Prerequisites:** Physical Science 1-2 and Biology 1-2

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12

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**HONORS ANATOMY & PHYSIOLOGY** 060911/060912

This course enables students to understand the principles and structures of the human body. Students develop an understanding of the structure and function of complex human organ systems through inquiry-based laboratory experiences using up-to-date technology. This course will explore scientific and technological advances in the field of anatomy. Students will also explore career opportunities in medical and related fields. The study and application of vocabulary and terminology is an essential part of this course. Students will incorporate writing and literacy strategies into summative projects. Laboratory dissections are required. Students enrolled in honors courses have additional experiences that require a more rigorous program of study.

**Prerequisites:** Physical Science 1-2 and Biology 1-2 with proficient or advanced grades.

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12

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**ADVANCED PLACEMENT BIOLOGY 1-2** 060471/060472

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.

**Prerequisites:** Physical Science 1-2 and Biology 1-2 with no grade less than a "c", and teacher recommendation

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12

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**ADVANCED PLACEMENT CHEMISTRY 1-2** 060581/060582

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.

**Prerequisites:** Successful completion of Physical Science 1-2, Biology 1-2, Chemistry 1-2, Algebra 1-2, and Teacher Recommendation. Completion of, or concurrent enrollment in, Algebra 3-4 is recommended.

**Duration:** 1 year, Class meets every day.  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12

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**ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE 1-2** 060361/060362

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. Students are strongly encouraged to take the AP Exam.

**Prerequisites:** Physical Science 1-2 and Biology 1-2. Honors Chemistry is highly recommended.

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12

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**ADVANCED PLACEMENT PHYSICS 1** 061661/061662

This year long course 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. Students are strongly encouraged to take the AP Exam.

**Prerequisites:** Successful completion of Physical Science 1-2, Algebra 1-2, and Geometry 1-2. Concurrent enrollment in, or previous completion of Biology is recommended as Biology is a high school graduation requirement.

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 10, 11, 12
This year long course is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; particle physics and nuclear physics. Students are strongly encouraged to take the AP Exam.

**Prerequisites:** Successful completion of AP Physics 1.

**Duration:** 1 year

**Credit:** 1 credit per semester

**Grade Level:** 11, 12

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Advanced Placement Physics C: Mechanics

Advanced Placement 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.

**Prerequisites:** Physical Science 1-2, Biology 1-2, Physics 1-2 or AP Physics 1, and completion of, or concurrent enrollment in, Calculus.

**Duration:** 1 semester

**Credit:** 1 credit per semester

**Grade Level:** 11, 12

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Advanced Placement Physics C: Electricity and Magnetism

Advanced Placement 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: Electricity and Magnetism requires and employs a basic understanding of calculus (differentiation and integration). It expands and discusses in greater depth the physical concepts and skills introduced in Physics 1-2, plus additional material such as mechanics, classical electricity, and magnetism. The students become familiar with college lab equipment, experimental procedures, and exacting lab reports. Calculus is used in problem solving, derivation, and formulating principles. Advanced educational credit may be available for students who successfully pass the AP Exam. Dual enrollment options may be available.

**Prerequisites:** Physical Science 1-2, Biology 1-2, Physics 1-2 or AP Physics 1, and completion of, or concurrent enrollment in, Calculus.

**Duration:** 1 semester

**Credit:** 1 credit per semester

**Grade Level:** 11, 12
Skilled and Technical Sciences

Students may take Skilled and Technical Sciences courses for Elective Credit.

OPS Graduation Requirements:
All Students Must Complete 16 Elective Credits

CAD/Design

- CAD/Design Engineering 1-2
- CAD/Design Engineering 3-4
- Honors CAD/Design Engineering 5-6
- Honors CAD/Design Engineering 7-8

Engineering Technology

- Engineering Technology 1-2
- Engineering Technology 3-4

Robotics

- Introduction to Robotics 1-2
- Robotic Concepts 3-4

Stagecraft

Course Descriptions listed in the Fine and Performing Arts Section

- Stagecraft 1-2
- Advanced Stagecraft 3-4

For questions about Skilled and Technical Science offerings, please contact Andrew.Brooks@ops.org
Classes marked with an + may be eligible for Dual Enrollment at Omaha area colleges.

### 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 Metro Community College.

**Prerequisite:** None  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 9, 10, 11, 12

### 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. Dual enrolled with ARCH 1200 at Metro Community College.

**Prerequisite:** CAD/Design Engineering 1-2 needed  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 10, 11, 12

### HONORS CAD/DESIGN ENGINEERING 5-6  
**170301/170302**

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.

**Prerequisites:** C or better in CAD/Design Engineering 3-4 needed  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12

### 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.

**Prerequisites:** C or better in CAD/Design Engineering 5-6 needed  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 12

### INDUSTRIAL MATERIALS AND PROCESSES 1-2  
**170331/170332**

This course provides the opportunity for students to learn how to use hand tools and power equipment. Students will construct, assemble, and complete products using many materials and processes that permit better understanding of construction and manufacturing techniques. Projects are constructed using wood, metals, and plastics. This course requires students to pass safety tests for each unit. Without a passing grade on these tests, students cannot participate in labs and will receive a score of 0 on assignments in that unit that require the skills on the test.

**Prerequisite:** None  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 9, 10, 11, 12

### INDUSTRIAL MATERIALS AND PROCESSES 3-4  
**170351/170352**

This course is an extension of Industrial Materials and Processes 1-2. In this second-year course, more advanced problems and techniques are taught. These include both individual and group activities involving production of various products. Application of knowledge and skill is emphasized. This course requires students to pass safety tests for each unit. Without a passing grade on these tests, students cannot participate in labs and will receive a score of 0 on assignments in that unit that require the skills on the test.

**Prerequisite:** Industrial Materials and Processes 1-2 needed  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 10, 11, 12

### INDUSTRIAL MATERIALS AND PROCESSES 5-6  
**170401/170402**

This course is an extension of Industrial Materials and Processes 3-4. In this third-year course, more advanced problems and techniques are taught. These include both individual and group activities involving production of various products. Application of knowledge and skill is emphasized. This course requires students to pass safety tests for each unit. Without a passing grade on these tests, students cannot participate in labs and will receive a score of 0 on assignments in that unit that require the skills on the test.

**Prerequisites:** Industrial Materials and Processes 3-4  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12
The course is an extension of Industrial Materials and Processes 5-6. In this fourth-year course, more advanced problems and techniques are taught. These include both individual and group activities involving production of various products. Application of knowledge and skill is emphasized. This course requires students to pass safety tests for each unit. Without a passing grade on these tests, students cannot participate in labs and will receive a score of 0 on assignments in that unit that require the skills on the test. 

**Prerequisites:** C or better in Industrial Materials and Processes 5-6

**Duration:** 1 year  **Credit:** 1 credit per semester  **Grade Level:** 12

### ENGINEERING TECHNOLOGY 1-2

This course will utilize applications of science, physics, and mathematics in solving numerous unique problems. The major units of study include robotics, computer aided machines, and computer aided design, hydraulics, pneumatics, structural design, aviation, mechanical devices and word processing. Tours of industry, guest speakers and films are an integral part of the program providing a well-rounded background of modern-day technology.

**Prerequisite:** None

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

### ENGINEERING TECHNOLOGY 3-4

This course will explore the operation of industrial computer operated machines, the design of robotic work cells, the machining of dies, and the use of computer operated design/computer operated manufacturing systems. Also, continued emphasis is placed on the basic units of study stressed in Engineering Technology.

**Prerequisite:** Engineering Technology 1-2 needed

**Duration:** 1 year  **Credit:** 1 credit per semester  **Grade Level:** 11, 12

### INTRODUCTION TO ROBOTICS 1-2

Students will design and build a robot to participate in area robotics competitions. Major units of study will focus on the engineering design process, designing and building a controllable base, designing and building a manipulator and programming of the mechanical system using logic-based control and simple sensors.

**Prerequisite:** Engineering Technology 1-2 needed

**Duration:** 1 year  **Credit:** 1 credit  **Grade Level:** 10, 11, 12

### ROBOTIC CONCEPTS 3-4

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.

**Prerequisite:** Intro to Robotics 1-2 needed

**Duration:** 1 year  **Credit:** 1 credit  **Grade Level:** 11, 12
Social Studies

Core Course Offerings

*All Students Must Complete These Courses*

- U.S History 1-2
- Honors U.S. History 1-2
- Advanced Placement U.S. History 1-2
  (Course is part of a cohort with H. Eng. 1-2)
- Human Geography
- Advanced Placement Human Geography 1-2
- Intro to Economics
- Honors Intro to Economics
- Advanced Placement Economics (2 Semesters)

**AND**

- Modern World History 1-2
- Advanced Placement World History 1-2

Elective Course Offerings

*Students May Choose To Take These Courses for Elective Credit*

- Honors Humanities Survey
- Native American Culture
- African American History
- Honors Humanities Survey
- Native American Culture
- African American History
- Law and Juvenile Justice
- Omaha History
- Sociology
- Honors Academic Decathlon 1-2
- African American
- Omaha History
- Law and Juvenile Justice
- Sociology
- Native American Culture
- Psychology
- Advanced Placement Psychology 1-2
- Advanced Placement Art History 1-2
- Honors Academic Decathlon 1-2
- African American
- Omaha History
- Law and Juvenile Justice
- Sociology
- Native American Culture
- Psychology
- Advanced Placement Psychology 1-2
- Advanced Placement Art History 1-2
- Advanced Placement Gov: Comparative Politics

OPS Graduation Requirements:

All Students Must Complete 7 Credits of Social Studies. Any additional Soc. Studies courses may be used for elective credit.

For questions about Social Studies offerings, please contact Andrew.Brooks@ops.org
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.

Classes marked with an + may be eligible for Dual Enrollment at Omaha area colleges.

Social Studies Graduation Prerequisite Courses (U.S. History, Geography, Economics, World History, and Government).

As replacement for failed courses:

Students who fail Government may make up the government credit as credit recovery or repeat the course the next semester, if available. We do not allow students to retake any other courses they have failed during the day. Credit recovery must be done after school or in the summer.

UNITED STATES HISTORY 1-2 030901/030902
This course continues the study of United States history from 1914 to present. Students address the social, economic, and political development of the nation and relate it to both past and present. Instruction is organized around the themes of geography, history, economics, culture, and the elements of citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources, and technology.

Prerequisite: None
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 9

HONORS UNITED STATES HISTORY 1-2 030911/030912
This course continues the study of United States history from 1914 to present. Students address the social, economic, and political development of the nation and relate it to both past and present. Instruction is organized around the themes of geography, history, economics, culture, and the elements of citizenship. Students investigate these themes using textbooks, newspapers, novels, primary sources, and technology. 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.

Prerequisites: Any one of the following*: 1.) Grade of "B" or higher in Social Studies 8-1 and 2. 2.) MAP Reading score at or above a score determined by District Social Studies Supervisor.
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 9

ADVANCED PLACEMENT UNITED STATES HISTORY 1-2 030341/030342
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. This course is offered to freshmen in a cohort with Honors English 1-2.

Prerequisites: Any two of the following*: 1.) Grade of "B" or higher in Social Studies 8-1 and 2. 2.) MAP Reading score at or above a score determined by District Social Studies Supervisor. 3.) AP Coordinator Permission
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 9

HUMAN GEOGRAPHY 031011
What is HUMAN GEOGRAPHY? This course provides an effective method for studying human activities on Earth’s surface. Human interaction with one another and the environment will be studied and analyzed to provide an understanding of the world in which we live. The course is divided into four units: Population & Cultural Geography, Urban Geography, Political Geography, and Economic & Environmental Geography.

Prerequisite: None
Duration: 1 semester
Credit: 1 credit
Grade Level: 10
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.

**Prerequisites:** Honors or AP U.S. History, or B or better in U.S. History

**Duration:** 1 year

**Credit:** 1 credit per semester

**Grade Level:** 10, 11

**INTRO ECONOMICS**

This course examines the key concepts of economics through the study of various sectors of market systems. Fundamentals, micro, macro and international economic concepts will be presented and studies. Emphasis is given the role of the citizen in America's market structure.

**Prerequisite:** None

**Duration:** 1 semester

**Credit:** 1 credit

**Grade Level:** 10

**HONORS ECONOMICS**

Honors Economics examines the key concepts of economics through the study of various sectors of market systems. Fundamentals, micro, macro and international economic concepts will be presented and studies. Emphasis is given the role of the citizen in America's market structure. Students are required to research and analyze the structure and function of economics in the United States today. Honors students will also be expected to perform extension activities on their Curriculum Based Assessments (CBA's).

**Prerequisites:** None

**Duration:** 1 semester

**Credit:** 1 credit

**Grade Level:** 10

**ADVANCED PLACEMENT MACROECONOMICS**

Advanced Placement Macroeconomics 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. Students taking AP Macro for Economics Graduation Requirement must also enroll in AP Microeconomics.

**Prerequisites:** Honors or AP U.S. History, or B or better in U.S. History

**Duration:** 1 Semester

**Credit:** 1 credit

**Grade Level:** 10, 11, 12

**ADVANCED PLACEMENT MICROECONOMICS**

AP Microeconomics 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. Students taking AP Macro for Economics Graduation Requirement must also enroll in AP Macroeconomics.

**Prerequisites:** Honors or AP U.S. History, or B or better in U.S. History

**Duration:** 1 Semester

**Credit:** 1 credit

**Grade Level:** 10, 11, 12

**MODERN WORLD HISTORY 1-2**

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

**Prerequisite:** None

**Duration:** 1 year

**Credit:** 1 credit per semester

**Grade Level:** 11
**AMERICAN GOVERNMENT** 030251
This course addresses the theories and practices that are the basis to our nation’s form of government. Students analyze the structure, operations, and functions of local, state, and national government in order to better prepare themselves to practice participatory citizenship as related to their responsibilities and rights as citizens.

**Prerequisite:** None

| Duration: 1 semester | Credit: 1 credit | Grade Level: 12 |

**ADVANCED PLACEMENT UNITED STATES GOVERNMENT & POLITICS** 030261
Advanced Placement United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events, and interpret data to develop evidence-based arguments. Concurrent enrollment in AP Literature and Composition is recommended. Students are strongly encouraged to take the AP Exam.

**Prerequisites:** AP World History, or B or better in World History

| Duration: 1 semester | Credit: 1 credit | Grade Level: 12 |

**ADVANCED PLACEMENT COMPARATIVE GOVERNMENT & POLITICS** 030262
An Introductory college course in Comparative Government and Politics is generally one semester in length. In the subject area there is considerable variety among the courses offered by colleges. In terms of content, there is no specific college course that an AP Comparative Government and Politics must follow. Therefore, the aim of an AP course should be to provide the student with a learning experience equivalent to that obtained in most college introductory Comparative Government and Politics courses. Students are strongly encouraged to take the AP Exam.

**Prerequisites:** AP World History, or B or better in World History

| Duration: 1 semester | Credit: 1 credit | Grade Level: 12 |

**HONORS HUMANITIES SURVEY** 010921
This course is an elective which allows ninth grade students to study a wide variety of content areas, including the humanities areas of literature, art, music, and philosophy, as well as the content areas of the sciences, social studies, economics, mathematics, and other fields in order to broaden their knowledge in many areas to prepare them for academic challenges and competitions through reading, discussing, and writing about these various content areas. Emphasis is given to the increasing skills of critical thinking, critical reading, and critical writing through humanities topics. Improving speaking skills, resume building, leadership opportunities, and test taking skills are also stressed in Humanities.

**Prerequisite:** Meets/Exceeds Standards on 8th Grade Reading and Writing Assessments.

| Duration: 1 semester | Credit: 1 credit | Grade Level: 9, 10 |

**AFRICAN-AMERICAN HISTORY** 030521
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. This is a one-semester course.

**Prerequisite:** None

| Duration: 1 semester | Credit: 1 credit | Grade Level: 9, 10, 11, 12 |
NATIVE AMERICAN CULTURE 031610
Developed from the Native Indian Centered Education program. This course will examine the development of Native American cultural identity through the evaluation of traditional and contemporary aspects of Northern Plains Indigenous life. This course is designed to provide a history and analyze issues facing Native American Nations with a focus on those residing in Nebraska.
Prerequisite: None
Duration: 1 semester Credit: 1 credit Grade Level: 9, 10, 11, 12

LAW AND JUVENILE JUSTICE 030611
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. This is a one-semester course.
Prerequisite: None
Duration: 1 semester Credit: 1 credit Grade Level: 10, 11, 12

OMAHA HISTORY 030711
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.
Prerequisite: None
Duration: 1 semester Credit: 1 credit Grade Level: 10, 11, 12

SOCIOLgY 030531
Sociology explores the structure of society from both a historical and contemporary base. Students examine the ways in which people interact with one another. This involves learning about relationships in social institutions, such as the family, and the organization of societies, both locally and globally. The course also deals with vital issues and social concerns, such as the struggle for civil rights, socialization at a young age, adolescent relationships, crime, poverty, and social stratification. This is a one-semester course.
Prerequisite: None
Duration: 1 semester Credit: 1 credit Grade Level: 10, 11, 12

PSYCHOLOGY 030491
This course explores the complex nature of human behavior. Emphasis is placed upon the most significant concepts of contemporary psychology as well as how psychologists study behavior. This is a semester course.
Prerequisite: None
Duration: 1 semester Credit: 1 credit Grade Level: 11, 12

HONORS ACADEMIC DECATHLON 1-2 031201/031202
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. The competitions have a theme each year, which provides a focus for the subject content materials. A Summer Project is required for this class.
Prerequisites: Interview and application, interviews arranged in January; Instructor permission
Duration: 1 year (this course may be repeated for credit) Credit: 1 credit per semester Grade Level: 11, 12

ADVANCED PLACEMENT EUROPEAN HISTORY 030321/030322
In this course, students examine the history of Europe from the time of the Plague in the 1300s to the present day. The course is taught through research, evaluation, class discussion, lecture, and discussion. The course is designed to prepare students to take the Advanced Placement European History Test.
Prerequisite: Honors or AP U.S. History, or B or better in U.S. History
Duration: 1 year Credit: 1 credit per semester Grade Level: 10, 11, 12
In the course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. This course will emphasize understanding of how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of works of art. Students will extensively use the critical process of description, analysis, interpretation and evaluation of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts during discussions, research and writing. In this semester course, students will be introduced to the elements and principles of design and gain basic skills in art production through a variety of media. Production projects will be enhanced through discussions of art history, aesthetic and art criticism issues. Course content will cover art history from Ancient to Medieval; Renaissance to Present and cultures beyond the European artistic traditions. Course participants will be prepared, but not required, to take the Advanced Placement exam to earn college credit. Students are strongly encouraged to take the AP Exam.

**Prerequisite:** Honors or AP U.S. History, or B or better in U.S. History  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 10, 11, 12

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students are strongly encouraged to take the AP Exam.

**Prerequisites:** Completion of any Honors or AP Social Studies course  
**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12

**SPECIAL EDUCATION 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 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.

A Resource Room, staffed by special education teachers and paraprofessionals, is available during the day for special education students to receive additional support with classroom work, assessments and projects.

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

The following special education programs are available in our building:

**SECONDARY RESOURCE PROGRAM**
This program serves students with a variety of disabilities. Special Education staff provide interventions, accommodations and modifications to support participation and progress in the general curriculum.

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

**HEARING IMPAIRED PROGRAM (HI)**
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.
ALTERNATIVE CURRICULUM PROGRAM
This program serves students with multiple disabilities in an environment that supports students’ medical and sensory needs. The instructional program addresses the cognitive, communication, community, motor, self-help, social skills, and prevocational domains. Opportunities are provided to participate in activities with non-disabled peers.

WORK BASED LEARNING PROGRAMS
Work-based experiences foster adult employment success for all youth, particularly for those with disabilities. Exposing youth with disabilities to work-based experiences helps them in identifying their career interests and building self-confidence. In addition, it provides an opportunity for them to learn about workplace culture and expectations and to make what they are learning in school more meaningful through real-world applications. There are three offerings under work-based learning: WORK AWARENESS, WORK BASED LEARNING, and WORK EXPERIENCE.

AFFECTIVE SKILLS 090751/090752
This course addresses social skills that can be incorporated into the students 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 is fostered.
Prerequisite: BSP Placement
Duration: 1 year Credit: 1 credit per semester Grade Level: 9, 10, 11, 12

ADVANCED LEARNING SKILLS 090701/090702
This course provides one to one instruction to help students develop study skills, complete assignments and maintain passing grades.
Prerequisite: Hearing Impaired Program
Duration: 1 year Credit: 1 credit per semester Grade Level: 9, 10, 11, 12

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. HI Teacher recommendation is required.
Prerequisite: Hearing Impaired Program
Duration: 1 year Credit: 1 credit per semester Grade Level: 9, 10, 11, 12

DAILY LIVING/LIFE SKILLS 090722
This Special Education course is for students in the Alternate Curriculum Program only. This course emphasizes skills needed to live and work in society as an adult. Topics covered include post secondary education employment, living arrangements, living skills, personal management, recreation/leisure activities, community access/transportation, medical services, legal services, and personal family relations. Students are encouraged to begin implementing their own transition plan for life after high school.
Prerequisite: Special Education (ACP) Placement
Duration: 1 year Credit: 1 credit per semester Grade Level: 9, 10, 11, 12

PERSONAL HEALTH & SAFETY 090721
This Special Education course is for students in the Alternate Curriculum Program only. The course emphasizes skills in the social emotional domain. Topics covered include self-protection, safety habits, personal hygiene/care, parts of the body, decision-making, family, self-esteem, feelings, peer relationships, health and human growth and development
Prerequisite: Special Education (ACP) Placement
Duration: 1 year Credit: 1 credit per semester Grade Level: 9, 10, 11, 12

WORK AWARENESS 090911/090912
This Special Education course is for students in the Alternate Curriculum Program only. This course provides the students with exposure to the world of work. Students attend a work site in small groups accompanied by the teacher or para and receive guided instruction in the performance of basic work skills, social skills appropriate to the work setting and following instructions. This experience is intended to help students to develop an awareness of the many facets of work and help them gain an understanding of the expectations at a work site.
Prerequisite: Special Education (ACP) Placement
Duration: 1 year Credit: 1 credit per semester Grade Level: 10, 11
WORK – BASED LEARNING: TRAINING

This course is for work based learning opportunities for which there is no pay and occur during the school day. This course is under the supervision of a work based learning teacher.

**Prerequisite:** Special Education Placement

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

WORK EXPERIENCE: ON-THE-JOB-PLACEMENT

Elective class for Resource with the possibility of earning up to 3 credits per semester. Job must be verified by Work-Based Learning teacher. Student needs to complete an application. After application is turned in to WBL teacher and IEP and change of placement is completed and WBL teacher communicates with counselor to add to schedule. Students meet weekly with WBL teacher to record hours and complete employer evaluations. Student must be 16 years old or junior class standing.

**Prerequisite:** Special Education (ACP or Resource) Placement

**Duration:** 1 year  
**Credit:** up to 3 credits per semester  
**Grade Level:** 10, 11, 12

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

**Prerequisite:** Special Education (ACP) Placement

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

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

**Prerequisite:** Special Education (ACP) Placement

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

ENGLISH 9S 1-2  
ENGLISH 10S 1-2  
ENGLISH 11S 1-2  
ENGLISH 12S 1-2

**Prerequisite:** Special Education (ACP) Placement

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

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

**Prerequisite:** Special Education (ACP) Placement

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 9, 10, 11, 12
World Languages

OPS Graduation Requirements:
All Students Must Complete 16 Elective Credits

Note: Most College Entrance Requirements ask for 2-3 years of credit in one World Language.

Students May Choose To Take Courses Below for Elective Credit:

**Chinese**
- Chinese 1-2
- Chinese 3-4
- Honors Chinese 5-6
- Honors Chinese 7-8

**French**
- French 1-2
- French 3-4
- Honors French 5-6
- Honors French 7-8
- AP French Language and Culture 1-2

**German**
- German 1-2
- German 3-4
- Honors German 5-6
- Honors German 7-8
- AP German Language and Culture 1-2

**Spanish**
- Spanish 1-2
- Spanish 3-4
- Honors Spanish 5-6
- Honors Spanish 7-8
- AP Spanish Language and Culture 1-2

**Spanish for Spanish Speakers**
- Spanish for Spanish Speakers 1-2
- Spanish for Spanish Speakers 3-4
- Spanish for Spanish Speakers 5-6

For questions about World Language offerings, please contact Jane.Luehle@ops.org
Ninth graders scoring below grade level in STARS Reading Test and/or below the 35 percentile for CAT Reading Test must have permission from the Principal to take a World Language course.

**Classes marked with an ** may be eligible for Dual Enrollment at Omaha area colleges.**

CHINESE 1-2  161901/161902
FRENCH 1-2  160301/160302
GERMAN 1-2  160401/160402
SPANISH 1-2  160501/160502

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.

Prerequisite: Chinese, French, German, Spanish: None
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

CHINESE 3-4  161891/161892
FRENCH 3-4  160311/160312
GERMAN 3-4  160411/160412
SPANISH 3-4  160511/160512

This course in World Languages at the second-year level is a continuation and expansion of the principles and concepts of the first year. Students continue to work extensively with interpretive, presentational, and 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.

Prerequisite: Successful completion of previous course in the sequence with a grade of a “D” or higher or teacher recommendation.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9, 10, 11, 12

HONORS CHINESE 5-6  161881/161882
HONORS FRENCH 5-6  160351/160352
HONORS GERMAN 5-6  160451/160452
HONORS SPANISH 5-6  160551/160552

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

Prerequisites: Successful completion of previous course in the sequence with a grade of a “C” or higher or teacher recommendation.
Duration: 1 year  Credit: 1 credit per semester  Grade Level: 9,10,11,12
This course in World Languages at the fourth-year level will often center on discussions and reports. Students interpretive, presentational, and interpersonal communication skills become more advanced in order to develop the student’s ability to produce the language in more complicated forms. Reading will move to comparatively complex forms of authentic materials, readings, and literature. The study of cultures, art, music, poetry, and literature continues to be stressed. Students continue to develop an awareness and appreciation of the various cultures associated with that language as well as the impact these cultures have made on their own community, country, and world.

**Prerequisites:** Successful completion of previous course in the sequence with a grade of a “B” or higher or teacher recommendation.

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 11, 12

### AP FRENCH LANGUAGE AND CULTURE

The AP French Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the student of language and culture, the course is taught almost exclusively in French. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students’ awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). Students are strongly encouraged to take the AP Exam.

**Prerequisites:** A grade of “B” or better in Honors French 7-8 or teacher recommendation.

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 12

### AP GERMAN LANGUAGE AND CULTURE

The AP German 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 German 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 German. The AP German 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). Students are strongly encouraged to take the AP Exam.

**Prerequisites:** A grade of “B” or better in Honors German 7-8 and teacher recommendation.

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 12

### AP SPANISH LANGUAGE AND CULTURE

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). Students are strongly encouraged to take the AP Exam.

**Prerequisites:** A grade of “B” or better in Honors Spanish 7-8 and teacher recommendation.

**Duration:** 1 year  
**Credit:** 1 credit per semester  
**Grade Level:** 12
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). Students are strongly encouraged to take the AP Exam.

Prerequisites: Teacher permission.
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 10, 11, 12

SPANISH FOR SPANISH SPEAKERS 1-2
This course is designed for students who speak Spanish fluently but have difficulty reading and writing the language. Most of these students feel more comfortable reading and writing in English. Students will develop basic Spanish literacy skills along with gaining a deeper knowledge of the culture, history, and literature of the Spanish language. The course is taught in Spanish.

Prerequisite: Spanish for Spanish Speakers 1: Must speak Spanish fluently. Spanish for Spanish Speakers 2: Successful completion of previous course in the sequence with a grade of a "C" or higher.
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 9, 10, 11, 12

HONORS SPANISH FOR SPANISH SPEAKERS 3-4
This course is designed for fluent Spanish speakers with above basic Spanish skills in reading and writing. It focuses on honing academic Spanish skills in listening and speaking while continuing to focus on reading and writing skills. Students will gain deeper knowledge of Hispanic cultures, histories and literature through this class.

Prerequisites: Successful completion of previous course in the sequence with a grade of a "C" or higher.
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 9, 10, 11, 12

HONORS SPANISH FOR SPANISH SPEAKERS 5-6
This course is a continuation of Honors Spanish for Spanish Speakers 3-4 and is designed for students with above average Spanish literacy skills. It focuses on honing academic Spanish skills in listening and speaking while continuing to focus on reading and writing skills. Students will gain deeper knowledge of Hispanic cultures, histories and literature through this class. Students are strongly encouraged to take this course to prepare for AP Spanish Language and/or Literature.

Prerequisites: Teacher permission.
Duration: 1 year
Credit: 1 credit per semester
Grade Level: 10, 11, 12
Career Center
Connecting Today’s Students with Tomorrow’s Careers

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

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

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

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

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

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

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

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

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

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

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

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

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

CAREER FOCUS:
Prepare for immediate employment, advanced certifications, and further education.
Course Audit Guidelines

Auditing a class allows a student to take a class without the benefit of a grade or credit for the class. In some cases, a student may be asked to audit a course because they are entering the class after the 50th day of the semester. There are four qualifications for applying for a Course Audit:
1. Foreign Exchange Students
   Foreign exchange students can audit any class.
2. Late Entry
   If the student enrolls late, he/she may be given an option to audit a course. This only applies to courses in which the student was not previously enrolled.
3. Enrichment
   - A student voluntarily chooses to take a course without receiving a grade or credit in order to acquire advanced learning.
   - The audit must be approved prior to the first day of class. It cannot be changed to a graded class during that semester.
   - Progress must be re-evaluated and monitored at each grading period.
4. Content Review
   An audit can be used for repeating a course, if the original grade in that class is a grade/mark of a “C” or above, (if he/she has passed the 1st semester of a course (with a “C” or above) but he/she has failed the second semester.) The following year, the student may retake the first semester as an audit in preparation for the second semester.
   - A student auditing a course is required to be involved in all classroom activities and to fulfill all course expectations.
   - The student will not receive a grade or credit for the course.
   - A student auditing a course must make the request to the appropriate school official by the identified school drop date without penalty.
   - The student's transcript will reflect audit (AU) for the grade in the course.
   - The AU is not calculated in the GPA, but will be maintained in course history and on the official transcript.
   - The audit option is available only if space is available.
   - See the next page for a Course Audit Request form.
Request to Audit a Course
Omaha Public Schools
Harry A. Burke High School

Date: ____________________________  Student Number: ____________________________

Student Name: ____________________________________________
Course Title: ____________________________  Teacher: ____________________________
Course ID______________________

Audit Reason: (check all that apply)
□ Foreign Exchange Student (Automatic – no approval needed)
□ Late Entry
□ Enrichment
□ Content Review

Counselor/Curriculum Specialist/Department Chair Comments:
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________

I, ____________________________________________, understand that by electing to audit the class named above, I forfeit the right to receive a grade/credit. In order to continue an audit in the second semester, I must reapply for audit status. I also recognize that poor behavior and/or attendance on my part may result in immediate removal from the class.

Student Signature  Date
Parent/Guardian Signature  Date
Counselor/Curriculum Specialist Signature  Date

_____Approved  _____ Denied

Data Administrator Signature  Date

Foreign Exchange Students
Foreign exchange students can audit any class.

Late Entry
If the student enrolls late, he/she may be given an option to audit a course. This only applies to courses in which the student was not previously enrolled.

Enrichment
1. A student voluntarily chooses to take a course without receiving a grade or credit in order to acquire advanced learning.
2. The audit must be approved prior to the first day of class. It cannot be changed to a graded class during that semester.
3. Progress must be re-evaluated and monitored at each grading period.

Content Review
An audit can be used for repeating a course, if the original grade in that class is a grade/mark of a “C” or above, (if he/she has passed the 1st semester of a course (with a “C” or above) but he/she has failed the second semester.) The following year, the student may retake the first semester as an audit in preparation for the second semester.
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 manner so as to accommodate the registration of courses for the school year in question.
Burke High School

BE LOYAL TO WHAT IS RIGHT AND GOOD

DEMONSTRATE INTEGRITY BY DOING WHAT IS RIGHT AND GOOD

HONOR WHAT IS RIGHT AND GOOD

WE ARE BURKE!