

# Burke High School

## 2023-24 Course Guide



**Grade 12**

**12200 Burke Boulevard  
531-299-2850**

# January 2023

Dear Student and Parent(s)/Guardians,

High school is an exciting time to develop your strengths and acquire new knowledge, skills, perspectives and friendships. At Burke High School, our staff, students and curricular offerings strive to support student growth in all those areas. Burke offers a variety of course offerings and outstanding programs. Students are also encouraged to participate in one or more of our numerous athletic teams, clubs and activities.

Academically, Burke offers 34 Advanced Placement® (AP) courses and numerous Dual Enrollment (DE) credit classes and we are the first Nebraska high school to offer the College Board's AP Capstone Program®. College credit is available in AP/DE courses and may help offset the cost of college attendance. Our College and Career Academies of Air and Space, Marketing, Business, and Analytics and Communications offer deeper learning experiences in programs of interest. Our Freshman Academy provides opportunities for students to find their passions and develop skills for future success.

One of the many strengths of Burke High School is our diverse student population. Learning, performing, interacting, and competing with students from various backgrounds and perspectives is an added value to the high school experience. Ultimately, it helps to prepare students to live, learn, work, and achieve in a diverse society.

This Course Guide provides information to help students and parents make important course decisions. 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. 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,

Darren Rasmussen, 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 (531-299-0307).*

*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 (531-299-0307).*

## ADMINISTRATION

Mr. Darren Rasmussen..... Principal  
Mr. Chad Price..... Assistant Principal - Academic Director  
Mrs. Michele Stogdill..... Assistant Principal - Activities Director  
Mr. Jason Williams..... Assistant Principal – Athletic Director

## CURRICULUM SPECIALISTS/DEPARTMENT HEADS

Academy Curriculum Specialist, Marketing Coordinator ..... Andrew Brooks  
English, Social Studies, World Language, Dual Enrollment/Advanced Placement Coordinator.....Laura Gaunt  
ESL, Math, Science, Academic Data Representative..... Jennie Meyer  
Business, Marketing, and Information Technology, Fine and Performing Arts, Human Sciences and Education,  
Skilled and Technical Sciences, Physical Education, JROTC, Instructional Technology, Library Sciences.....  
..... Jodi Nielsen  
Special Education Department Head ..... Megan Towey

## COUNSELORS

Director of School Counseling, Grades 11-12 (*Students A, F, R, T*) ..... Hope Smejkal  
Records Counselor, ELL, & Grades 11-12 (*Students E, K, H, L, N*) ..... Madalene McCracken  
Freshmen Academy Counselor (A-K)..... Jessica Mukherjee  
Freshmen Academy Counselor (L-Z)..... Montana Renter  
Air and Space Academy Counselor and Grades 11-12 (*Students C, G, Q, V, Z*)..... Nadine Reyes  
Communications Academy Counselor and Grades 11-12 (*Students B, I, O, P, U, X, Y*) ..... Lalia Hart  
MBA Academy Counselor and Grades 11-12 (*Students D, J, W*) ..... Rebecca “Nicole” Akins

## DEANS OF STUDENTS

Freshmen ..... Brandi Uher  
Sophomores ..... Laura Geiger  
Juniors ..... Nathan Tietz  
Seniors ..... Kyle Brant

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## GENERAL INFORMATION

Burke High School is a comprehensive wall-to-wall College and Career Academy High School. 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 navigate students through course selection for the upcoming fall. 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 course requests is **April 21, 2023**.

**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. 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.12) 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 are 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 76).

**8. Class Release-** Late start/class release is provided for students who want to come to the Burke campus after the school day starts or leave the campus prior to the end of the school day. A student that is on grade level for graduation (starting the sophomore year with fourteen (14) earned credits or junior year with twenty-eight (28)) and taking a minimum of five (5) credits each semester for seniors & six (6) credits each semester for juniors may be eligible for Class Release.

Students must have their own transportation. Students who ride the bus to school cannot leave campus and return for late start. Students who ride the bus home from school cannot leave campus early and then return to school for the 3:05 p.m. bus. Students with Class Release must leave school grounds 5 minute after their last scheduled class.

A student may be granted permission for late start/class release after completing the application. The school program takes precedence over release periods from school. *Schedules will not be rearranged to accommodate late start or class release. Late start/class release is not guaranteed to be on a student's schedule if requested and approved.*

**9. Course Audit-** Qualifying students may take a class without the benefit of a grade or credit. (See pages 76-77).

**10. 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 partner institution. Therefore, all Dual Enrollment courses are subject to change from year to year.

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

- Credit Recovery may be delivered in various methods and during a variety of times (e.g., Summer School, Edmentum time).
- Credit Recovery may be delivered in a traditional classroom or through a blended learning experience (in class with an endorsed teacher using online learning modules).
- Teachers who provide credit recovery through online virtual or blended learning must be certified educators endorsed for the course they are teaching.
- Although students may complete online courses before the end of the term, final grades will need to be posted during the standard grading windows.
- The student should follow the appropriate course sequencing.
- Students should be enrolled in no more than three online courses at a time.
- Students should not be enrolled in consecutive courses simultaneously (English 1 & English 2). Any exception to the three-course limit must be identified in an individual learning plan, in an alternative program, and approved by the Chief Academic Officer for Curriculum Instruction and Support.
- Timely teacher content and feedback is essential for student learning.
- Review the Edmentum Credit Accrual and Recovery Practices Handbook for specific guidelines for online practices.

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.)

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

1. Students select and finalize courses during spring course selection.
2. Following spring course selection, students can adjust courses based on conflicts in their schedules.

Course changes after the spring are only allowed under the following circumstances:

1. If a course was completed during Next Level Learning in the Summer.
2. If the student must repeat a course that was failed during the previous school year.
3. If there is a schedule conflict that cannot be adjusted without dropping or changing a course.
4. If a student needs to meet graduation 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.

### **13. Academic Recognition**

Honor Roll is awarded at the end of each Semester for students who meet the following criteria:

Bulldog Honor- Cumulative GPA of 3.00-3.49

Bulldog High Honor-Cumulative GPA of 3.5-3.99

Bulldog High Honor with Distinction-Cumulative GPA of 4.0 or higher

Academic Letters are awarded once a year in the spring for students who meet the following criteria:

Academic Letter =3.5 GPA for three semesters

Academic Pin=3.5 GPA for five semesters

Academic Gold Cord=Cumulative GPA of 3.5 or higher for seven (7) semesters will be awarded a Gold Honor Cord to add to Commencement Regalia.

Students who have a Cumulative GPA of 3.5 or higher and or earned a post-secondary scholarship will be invited to Honors Night.

## **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 boys' and girls' 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.

More Athletic Information see: <https://burke.ops.org/>

# ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

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

## ACADEMIC REQUIREMENTS

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

## CORE COURSES

Only courses that appear on your high school's list of NCAA core courses will count toward the 16 core-course requirement; visit [eligibilitycenter.org/courselist](http://eligibilitycenter.org/courselist) for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

### DIVISION I

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

<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>ENGLISH</b> </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             4 years         </div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>MATH</b> (Algebra I or higher)         </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             3 years         </div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>NATURAL/ PHYSICAL SCIENCE</b> (Including one year of lab, if offered)         </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             2 years         </div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>ADDITIONAL</b> (English, math or natural/physical science)         </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             1 year         </div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>SOCIAL SCIENCE</b> </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             2 years         </div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)         </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             4 years         </div>
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### DIVISION II

<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>ENGLISH</b> </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             3 years         </div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>MATH</b> (Algebra I or higher)         </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             2 years         </div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>NATURAL/ PHYSICAL SCIENCE</b> (Including one year of lab, if offered)         </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             2 years         </div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>ADDITIONAL</b> (English, math or natural/physical science)         </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             3 years         </div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>SOCIAL SCIENCE</b> </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             2 years         </div>	<div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> <b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)         </div> <div style="background-color: #1a3d4d; color: white; padding: 10px; border-radius: 0 0 10px 10px;">             4 years         </div>
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## GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved core courses.

- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

## SLIDING SCALE

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

## TEST SCORES

You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility Center code 9999 to send your scores directly to us from the testing agency. We accept official scores only from the ACT or SAT, and won't use scores shown on your high school transcript. If you take either test more than once, the best subscore from different tests are used to give you the best possible score.





# HIGH SCHOOL TIMELINE

## 9<sup>TH</sup> GRADE



- *Start planning now!* Take the right courses and earn the best grades possible.

- Find your high school's list of NCAA-approved core courses at [eligibilitycenter.org/counselist](http://eligibilitycenter.org/counselist).
- Sign up for a free Profile Page at [eligibilitycenter.org](http://eligibilitycenter.org) for information on NCAA requirements.

## 10<sup>TH</sup> GRADE



- If you fall behind academically, ask your counselor for help finding approved courses you can take.

- Register for a Profile Page or Certification Account with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org).
- Monitor your Eligibility Center account for next steps.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

## 11<sup>TH</sup> GRADE



- Check with your counselor to make sure you are on track to complete the required number of NCAA-approved courses and graduate on time with your class.

- Take the ACT or SAT and submit your scores to the NCAA Eligibility Center using code 9999.
- Ensure your sports participation information is correct in your Eligibility Center account.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

## 12<sup>TH</sup> GRADE



- Complete your final NCAA-approved core courses as you prepare for graduation.

- Take the ACT or SAT again, if necessary, and submit your scores to the NCAA Eligibility Center using code 9999.
- Request your final amateurism certification beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your NCAA Eligibility Center account at [eligibilitycenter.org](http://eligibilitycenter.org).
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation to your NCAA Eligibility Center account.
- *Reminder:* Only students on an NCAA Division I or II school's institutional request list will receive a certification.

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

### 9<sup>TH</sup> GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

**4 CORE COURSES**

### 10<sup>TH</sup> GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

**4 CORE COURSES**

### 11<sup>TH</sup> GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

**4 CORE COURSES**

### 12<sup>TH</sup> GRADE

- (1) English
- (1) Math
- (1) Science
- (1) Social Science and/or additional

**4 CORE COURSES**

For more information: [ncaa.org/playcollegesports](http://ncaa.org/playcollegesports) | [eligibilitycenter.org](http://eligibilitycenter.org)

Search Frequently Asked Questions: [ncaa.org/studentfaq](http://ncaa.org/studentfaq)

Follow us: @NCAAECS @playcollegesports @ncaaec

## 2023-24 NCAA Eligibility Center Core Courses-Burke High School

English	Social Science	Mathematics	Natural/Physical Science	Additional Core Courses
English 1-2	US History 1-2	Algebra 1-2	Physical Science 1-2	Chinese/French/Spanish 1-2
H English 1-2	H US History 1-2	H Algebra 1-2	Honors Physical Science 1-2	Chinese/French/Spanish 3-4
English 3-4	AP US History 1-2	H Geometry 1-2	Biology 1-2	H Chinese/French/Spanish 5-6
English 5-6	Human Geography	Algebra 3-4	H Biology 1-2	H Chinese/French/Spanish 7-8
AP Eng Lang & Comp 1-2	AP Human Geog 1-2	Data and Statistics 1-2	AP Biology 1-2	AP French/Spanish Lang 1-2
English 7-8	Intro Economics	College Algebra	Anatomy & Physiology 1-2	AP Spanish Lit 1-2
AP Eng Lit & Comp 1-2	H Economics	H Algebra 3-4	H Anatomy & Physiology 1-2	Spanish for Spanish Speakers 1-2
Debate 1-2	AP Macroeconomics	PreCalc/Trig 1-2	Astronomy**	H Spanish/Spkrs 3-4
Honors Debate 1-2	AP Microeconomics	H PreCalc/Trig 1-2	H Astronomy 1-2**	H Spanish/Spkrs 5-6
	Modern World Hist 1-2	AP Statistics 1-2	Chemistry 1-2	
	AP World History 1-2	AP Calc AB 1-2	H Chemistry 1-2	
	Amer Government	AP Calc BC 1-2	AP Chemistry 1-2	
	AP Govt & Pol: US	H Calculus 3	Earth Science 3-4	
	AP Govt & Pol: Comp	H Diff Equations	Environmental Science 1	
	African-Am Hist		Marine Biology	
	AP European History 1-2		H Marine Biology	
	Native Am. Cul & Identity		Meteorology	
	Omaha History		Physics 1-2	
	Psychology		AP Physics 1	
	AP Psychology 1-2		AP Physics 2	
			AP Physics C: Elk & Mag/Mechanic	
			AP Physics C: Elk & Mag/Mechanic	

\* Only 1 year of 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. Marine Biology = 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.





# Portrait of a Graduate



**Collaborator**

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



**Communicator**

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



**Critical Thinker**

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



**Innovator**

Generates, invests in, and shares ideas and solutions.



**Civic & Global Contributor**

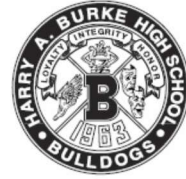
Understands, embraces, and participates in open dialogue regarding diverse issues that impact their community and an inclusive world.



**Resilient Achiever**

Overcomes obstacles and recognizes the need to continue growth through perseverance.

# Omaha Public Schools Graduation & College Entrance Requirements



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

## RECOMMENDED ON TRACK INDICATORS

Grade Level	9 - Freshman	10 - Sophomore	11 - Junior	12 - Senior
Credits Earned	13 credits	25 total credits	37 total credits	49 total credits in Required subjects

**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.**

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 (531-299-9822). The following persons 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 (531-299-0307).







# What every student needs to know about grading

## OPS Grading Scale



<b>A</b>	<b>=</b>	<b>3.26 - 4.00</b>
<b>B</b>	<b>=</b>	<b>2.51 - 3.25</b>
<b>C</b>	<b>=</b>	<b>1.76 - 2.50</b>
<b>D</b>	<b>=</b>	<b>1.01 - 1.75</b>
<b>F</b>	<b>=</b>	<b>0.00 - 1.00</b>

How much time should I spend on homework?



You should expect ten minutes (or more) per day times your grade level.

- 3rd grade = 30 minutes
- 6th grade = 1 hour
- 12th grade = 2 hours

*Time may vary depending on classes.*

### Can I redo my work for full credit?

- Students may be allowed to redo/revise work until the end of the unit, based on teacher's professional judgement and evidence. Talk with your teacher.

### If I don't turn in my work on time, what happens?

- Work not turned in at all will be recorded in Infinite Campus (district grade book) as an M for missing which calculates to a score of zero.

### Am I allowed to turn in coursework late?

- Late coursework may be accepted for full credit until the end of the unit based on the teacher's professional judgment and evidence collected throughout the unit.
- Accepted late work will replace M with the score earned by the student.

### Are some assignments worth more than others? \*Secondary only.

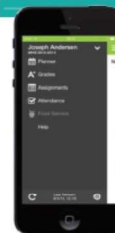
- When entering grades in the grade book, teachers may assign greater weight to some major summative assignments.
- For example, the final exam may impact a student's summative grade more than a unit test.
- This information will be communicated to students prior to the day of the assessment.

How can I check my grades?



### Campus Mobile Portal for Parents and Students

Parents and students can now access their Campus Portal information on Android and iOS devices using the Campus Mobile Portal app.



- Daily Planner**  
View today's schedule and assignments due for each class.
- Assignments**  
Browse you assignments by special by specific class or due date.
- Attendance**  
Review attendance events in summary and detail form.
- Grades**  
Know your grades now. Forget about end-of - term report cards to know how you're doing.
- Food Services**  
OPS does not use the The Foot Service feature in this application. To check your child's account balance, use the SchoolCafe on the OPS home page.

### Where to Download the Campus Mobile Portal App

The Campus Mobile Portal can be downloaded through the Apple App Store, Google Play Store or Amazon Appstore.



### How to Sign In

In order to connect your device to our district's Infinite Campus server, you need to enter

**Our District ID : Omaha Public Schools**

Continue by entering your username and password you use on the web portal.

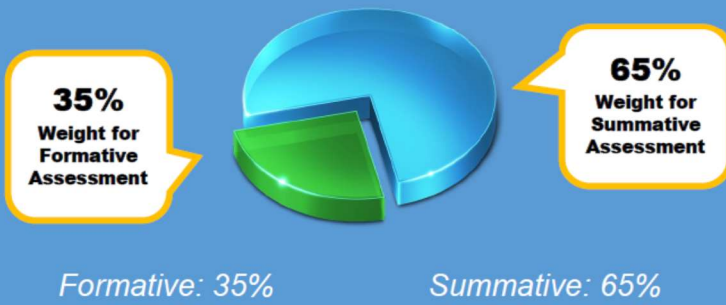
If you do not have a username and password, contact your school.  
If you forgot your username or password go to:

<https://campus.ops/campus/portal/ops.jsp>

# Omaha Public Schools Common Grading Practices



## How will mastery be evaluated?



**STANDARDS** are what you should know and be able to do.

**GRADING** measures how well students master key concepts (or standards).



### Formative Assessments - during learning

- Lets your teacher know how well you are learning the standards
- 35 percent of your grade
- Work done in class, e.g., homework assignments, short quizzes, or any essay
- Can happen in class or outside of class

### Summative Assessments - at the end of learning

- Lets your teacher know how well you have mastered the standards
- 65 percent of your grade
- Major projects, a unit test, a research paper, a speech, etc.
- Can happen in class or outside of class.

## What is a rubric?

It explains what an Advanced, Proficient, or Basic level of mastery is needed for a specific assignment, test, or project.

If I work with a group on a project, do we all get the same grade?

No. Work done in groups will be graded individually. Group grades are never used.

## How do I earn grades on an assessment?

Teachers assess multiple levels of learning K - 12. Secondary teachers create leveled formative and summative assessments.

(Advanced, Proficient, Basic)

**ADVANCED** is when you did all the work and exceed what you're supposed to do.

⇒ You have performed consistently at a high level of difficulty, complexity, or fluency that is above the expected course content/grade level standard.

**PROFICIENT** is when you did what you are supposed to do.

⇒ You have performed at the level of difficulty, complexity, or fluency that is at the expected course content/grade level standard.

**BASIC** is when you understand the content information and vocabulary.

⇒ You have performed at the level of difficulty on some of the expected course content/grade level standards, but not all.





# Grade 12 Burke High School Course Selection Form 2023-24 Grad Year 2024

Student Name: \_\_\_\_\_ Student Number: \_\_\_\_\_

W. History Teacher: \_\_\_\_\_ Block: \_\_\_\_\_ Student CellPhone Number: \_\_\_\_\_

Directions:

Questions? - Contact the Burke School Counseling office at 531-299-2589

★ See the Course Guide for descriptions/prerequisites:

[www.burke.ops.org](http://www.burke.ops.org) (Academics Tab)(23-24 Grade 12 Course Guide)

★ Select a min. of 5 courses/semester by marking X in course box. 8 courses/semester are recommended. X

★ Pick 2 additional courses as alternates by placing an "A" in the course box. A

★ An asterisk (\*) after a course name indicates a prerequisite or audition is required for the class. See course guide for details

★ The words (1 Sem) after a course indicates the course is a 1 Semester course.

★ T\_\_ after a course name indicates teacher permission is required.



I understand that ALL course selections are a commitment. No course changes will be made after the course selection deadline (4/21/23).

Student Signature \_\_\_\_\_ Date: \_\_\_\_\_ Parent Signature \_\_\_\_\_ Date: \_\_\_\_\_

Advisement Teacher Signature \_\_\_\_\_ Date: \_\_\_\_\_

### ENGLISH - REQUIRED (choose one)

010531/2 English 7-8  019TEMP08 Dystopian Literature  011901/2 AP Lit & Comp\*  019TEMP05 AP Lit & Comp (0 hour)\*

### SOCIAL STUDIES - REQUIRED (choose one)

030251 American Government (1 Sem)  030261 AP US Government & Politics\* (1 Sem)

### PERSONAL FINANCE - REQUIRED (choose one)

120981 Personal Finance (1 Sem)  120971 H Personal Finance (1 Sem)

### ENGLISH LANGUAGE LEARNERS

155191/2 ESL 1-2\*  155351/2 ESL 3-4\*  010371/2 English 1-2 ELL\*  155301/2 ESL Math Prep1-2  
 159411/2 ESL Soc St Found 1-2\*  155231/2 ESL Reading 3-4\*  155151/2 ESL 5-6\*  157101/2 Academic Language Study  
 159561/2 ESL Science Found 3-4\*  031331/2 US History ELL 1-2\*  011011/2 Academic Literacy 1-2

### AP CAPSTONE PROGRAM

010801/2 AP Seminar\*  010811/2 AP Research 1-2\*

### AIR AND SPACE ACADEMY

031111 Hist of Aviation\*(1 Sem)T\_\_  172411/2 Aviation Mechanics 1-2  172401 UAV Drone Pilot Trn\* (1 Sem)  181131/2 Intro to Pow Flight\* T\_\_  
 035031 Aviation Safety\*(1 Sem)T\_\_  181201 H Intro to Aero and Space 1  181211/2 Fund of Aero Tech 1-2

### BUSINESS & MARKETING

120791/2 Mgt and Ldrship 1-2  120171/2 Accounting 1-2\*  120201/2 H Accounting 3-4\*  120501/2 H Marketing 1-2  
 120821/2 H Mgt and Ldrship 1-2  120211/2 H Accounting 1-2\*  120471/2 Marketing 1-2  120511/2 H Marketing 3-4\*  
 188701/2 Marketing Intern\* T\_\_

### ENGLISH ELECTIVES

020561/2 Debate 1-2\*  022451/2 H Digital Jrnlsm 3-4\*  021471/2 H Yearbook 1-2\* T\_\_  022751/2 Editorial Leadership\* T\_\_  
 021561/2 H Debate 1-2\*  022551/2 H Digital Jrnlsm 5-6\*  021481/2 H Yearbook 3-4\* T\_\_  
 022651/2 H Digital Jrnlsm 7-8\*  021431/2 H Yearbook 5-6\* T\_\_

### FINE ARTS

110211/2 Art 1-2  110281/2 H Art 5-6  110471/2 Pottery 3-4\*  110561/2 Comp. Graphics 1-2  
 110251/2 Art 3-4\*  110391/2 AP Studio Art\*  110681/2 Pottery 5-6\*  110571/2 Computer Graphics 3-4\*  
 110321/2 H Art 3-4\*  110461/2 Pottery 1-2  110791/2 Pottery 7-8\*  110581/2 Computer Graphics 5-6\*

### HUMAN GROWTH & DEVELOPMENT (If Not Completed Sophomore Year)

070931 Human Growth (1 Sem)  070981 H Human Growth (1 Sem) \*\*\*Request for Human Growth Opt Out -contact counselor

### HUMAN SCIENCE & EDUCATION

140141 Sports Nutrition (1 Sem)  140791/2 Family Living 1-2

### INFORMATION TECHNOLOGY

131421 Found. of Comp (1 Sem)  131311/2 AP Comp Sci Princ 1-2\*  130791/2 AP Computer Sci A 1-2\*

### MATHEMATICS

040271/2 Algebra 1-2  049501/2 MCC 1220 Bus Math  049601/2 Data & Statistics 1-2\*  040471 H Calculus 3\* (1 Sem)  
 040351/2 Geometry 1-2\*  049511/2 MCC 1240 Tech Math  040841/2 AP Statistics\*  040541 H Diff Equations\* (1 Sem)  
 040291/2 Algebra 3-4\*  049701/2 College Algebra 1-2  040451/2 AP Calc AB 1-2\*  
 040301/2 H Algebra 3-4\*  040411/2 H PreCalc/Trig 1-2\*  040461/2 AP Calc BC 1-2\* T\_\_

### MILITARY SCIENCE

070781 Beg Marks  070631 JROTC Color Guard Course  071051/2 Inter. Marks\* T\_\_  070790/1 Adv Marks\* T\_\_

More courses on back ►



**PERFORMING ARTS**

<input type="checkbox"/> 020631 Drama 1 (1 Sem)	<input type="checkbox"/> 020681/2 Stagecraft 1-2*	<input type="checkbox"/> 190351/2 H Concert Choir* T__	<input type="checkbox"/> 190591/2 Jazz Band* T__
<input type="checkbox"/> 020632 Drama 2* (1 Sem)	<input type="checkbox"/> 020691/2 Adv Stagecraft 1-2* T__	<input type="checkbox"/> 191331/2 H Show Choir* T__	<input type="checkbox"/> 190631/2 H Jazz Band* T__
<input type="checkbox"/> 021731/2 H Adv Drama 3-4*	<input type="checkbox"/> 190311/2 Treble Chorus	<input type="checkbox"/> 191521/2 AP Music Theory*	<input type="checkbox"/> 190681/2 H Concert Band 1-2* T__
<input type="checkbox"/> 021831/2 H Adv Drama 5-6*	<input type="checkbox"/> 192061/2 Bass Chorus	<input type="checkbox"/> 190081/2 Music Business 1-2* T__	<input type="checkbox"/> 190791/2 H Orchestra*
			<input type="checkbox"/> 191121/2 H Flag Corps* T__

**PHYSICAL EDUCATION**

<input type="checkbox"/> 070181/2 Physical Education 1-2	<input type="checkbox"/> 070321 Swim/Aquatics (1 Sem)	<input type="checkbox"/> 070811/2 JROTC 1-2	<input type="checkbox"/> 070741/2 H JROTC 7-8*
<input type="checkbox"/> 070251/2 Light Wgt Trn 1-2* T__	<input type="checkbox"/> 070341/2 Adv Swm/Aqua 1-2* T__	<input type="checkbox"/> 070641/2 H JROTC 1-2*	
<input type="checkbox"/> 070261/2 Wght Training 1-2* T__	<input type="checkbox"/> 070391/2 Lifetime Sports 1-2*	<input type="checkbox"/> 070821/2 JROTC 3-4*	<input type="checkbox"/> 191121/2 H Flag Corps* T__
<input type="checkbox"/> 07081/2 Adv Wght Trn 1-2*T__		<input type="checkbox"/> 070621/2 H JROTC 3-4*	<input type="checkbox"/> 190681/2 H Concert Band 1-2* T__
<input type="checkbox"/> 019TEMP06 Adv WT Trn (0 hr)* T__		<input type="checkbox"/> 070751/2 H JROTC 5-6*	<input type="checkbox"/> 191331/2 H Show Choir* T__

**SCIENCE**

<input type="checkbox"/> 060351 Enviromental Sci (1 Sem)	<input type="checkbox"/> 060811/2 H Astronomy 1-2*	<input type="checkbox"/> 060601/2 Physics 1-2*	<input type="checkbox"/> 060931/2 Anatomy & Physiology*
<input type="checkbox"/> 060361/2 AP Enviro Sci 1-2*	<input type="checkbox"/> 060821 Marine Biology* (1 Sem)	<input type="checkbox"/> 061661/2 AP Physics 1*	<input type="checkbox"/> 060911/2 H Anatomy & Phys*
<input type="checkbox"/> 060551/2 Chemistry 1-2*	<input type="checkbox"/> 061821 H Marine Biology* (1 Sem)	<input type="checkbox"/> 061671/2 AP Physics 2*	<input type="checkbox"/> 060471/2 AP Biology 1-2* T__
<input type="checkbox"/> 060561/2 H Chemistry 1-2*	<input type="checkbox"/> 061061/2 Earth Science 3-4*	<input type="checkbox"/> 061971/2 AP Phys C Mech 1-2*	<input type="checkbox"/> 060581/2 AP Chemistry 1-2* T__
<input type="checkbox"/> 060801 Astronomy (1 Sem)	<input type="checkbox"/> 060341 Meterology (1 sem)		

**SKILLED & TECHNICAL SCIENCE ELECTIVES**

<input type="checkbox"/> 170211/2 CAD/Des Eng 1-2	<input type="checkbox"/> 170221/2 CAD/Des Eng 3-4	<input type="checkbox"/> 170301/2 H CAD/Design Eng 5-6*	<input type="checkbox"/> 170261/2 H CAD/Design Eng 7-8*
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**SOCIAL STUDIES ELECTIVES**

<input type="checkbox"/> 030321/2 AP European Hist 1-2*	<input type="checkbox"/> 030711 Omaha History (1 Sem)	<input type="checkbox"/> 031201/2 H Aca Deca 1-2* T__	<input type="checkbox"/> 030661/2 AP Macro/Micro Economics*
<input type="checkbox"/> 030521 African Amer Hist (1 Sem)	<input type="checkbox"/> 031610 Native Amer Cult & Id (1 Sem)	<input type="checkbox"/> 110821/2 AP Art History 1-2*	<input type="checkbox"/> 030262 AP Comp Gov & Pol (1 Sem)
<input type="checkbox"/> 030491 Psychology (1 Sem)	<input type="checkbox"/> 030641/2 AP Psychology 1-2*	<input type="checkbox"/> 030191/2 AP Human Geog 1-2*	<input type="checkbox"/> 033211/2 AP African Amer Studies 1-2

**SPECIAL EDUCATION ELECTIVES**

<input type="checkbox"/> 090751/2 Affective Skills BSP 1-2*	<input type="checkbox"/> 090321/2 Reading S 1-2* (HI)	<input type="checkbox"/> 090701/2 Adv Lrn Skills 1-2* (HI)	<input type="checkbox"/> 090731/2 Study Skills 1-2* (HI)
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**WORLD LANGUAGES**

<input type="checkbox"/> 161891/2 Chinese 3-4* (attempt #1 or 2)	<input type="checkbox"/> 160311/2 French 3-4* (attempt #1 or 2)	<input type="checkbox"/> 160511/2 Spanish 3-4* (attempt #1 or 2)	<input type="checkbox"/> 160851/2 Span for Span Spkrs 1-2*
<input type="checkbox"/> 161881/2 H Chinese 5-6*	<input type="checkbox"/> 160351/2 H French 5-6*	<input type="checkbox"/> 160551/2 H Spanish 5-6*	<input type="checkbox"/> 160861/2 HSpan for Span Spkrs 3-4*
<input type="checkbox"/> 161871/2 H Chinese 7-8*	<input type="checkbox"/> 160361/2 H French 7-8*	<input type="checkbox"/> 160561/2 H Spanish 7-8*	<input type="checkbox"/> 160871/2 H Spn Spn Spk 5-6* T__
	<input type="checkbox"/> 160381/2 AP French*	<input type="checkbox"/> A10000 Pursuing Seal of Biliteracy	<input type="checkbox"/> 160581/2 AP Spanish Language* T__
			<input type="checkbox"/> 160581/2 AP Spanish Lit & Cult* T__

**DAYTIME CREDIT RECOVERY**

<input type="checkbox"/> 039TEMP01 US History 1 (1 Sem)	<input type="checkbox"/> 039TEMP03 Human Geo (1 Sem)	<input type="checkbox"/> 039TEMP05 Mod Wrld Hist 1 (1 Sem)	<input type="checkbox"/> 010771 Writing Skills* (1 Sem)
<input type="checkbox"/> 039TEMP02 US History 2 (1 Sem)	<input type="checkbox"/> 039TEMP04 Economics (1 Sem)	<input type="checkbox"/> 039TEMP06 Mod Wrld Hist 2 (1 Sem)	<input type="checkbox"/> 011171 English Review* (1 Sem)

**ACADEMIC EXP (STUDY HALL)-NON CREDIT**

<input type="checkbox"/> X00481 Acad Exp (1st Sem)	<input type="checkbox"/> X00482 Acad Exp (2nd Sem)
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**CLASS RELEASE** -Approval via form. See page 6 of course guide

<input type="checkbox"/> Late Start	<input type="checkbox"/> Early Release
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**SCHOOL SERVICE (STUDENT AIDE)-NON CREDIT X00211/2** -Approval via form

<input type="checkbox"/> Office Aide	<input type="checkbox"/> School Counseling Aide	<input type="checkbox"/> Library Aide	<input type="checkbox"/> Rockstar Program Aide
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**CAREER CENTER**

For additional information on Career Center course offerings visit  
[www.ops.org/careercenter](http://www.ops.org/careercenter).

**UNMC HIGH SCHOOL ALLIANCE**

UNMC High School Alliance program students must complete the online application  
by Feb. 3, 2023. Visit [www.unmc.edu/alliance](http://www.unmc.edu/alliance)

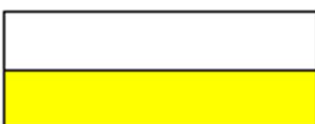
**ADDITIONAL CONSIDERATION FOR AP STUDENTS**

Time commitments, college and career aspirations, and academic potential should be considered before enrolling in 3 or more AP courses.

**STUDENTS HAVE UNTIL APRIL 21, 2023 TO FINALIZE THEIR COURSE SELECTION CHOICES.**



## Course Planner Projections:



Regular Yearly Course Selections

Choice available for Elective/Academy Course

### 9th Grade

	Semester 1	Semester 2
1	Eng1 or Honors or APUSH Cohort	Eng 2 or Honors or APUSH Cohort
2	US Hist 1 or Honors or APUSH Cohort	US Hist 2 or Honors or APUSH Cohort
3	Math	Math
4	Physical Science1/Honors or Honors Biology1	Physical Science2/Honors or Honors Biology 2
5	World Language	World Language
6	PE/Band/JROTC	PE/Band/JROTC
7	Freshmen Seminar 1	Freshmen Seminar 2
8		

Normal Load: 7-8 Credits per semester

### 10th Grade

	Semester 1	Semester 2
1	Eng 3 or Honors	Eng 4 or Honors
2	Hum. Geo or AP Hum. Geo 1	AP Hum. Geo 2 or HGD/Honors or Elective
3	Econ or AP Micro Econ*	AP Macro Econ* or HGD/Honors
4	Biology 1/Honors or Science Elective	Biology 2/Honors or Science Elective
5	Math	Math
6	World Language	World Language
7	PE/Band/JROTC	PE/Band/JROTC
8		

Normal Load: 7-8 Credits per semester

\*AP Micro and Macro Econ can be deferred to Junior Year

### 11th Grade

	Semester 1	Semester 2
1	Eng 5 or AP Lang	Eng 6 or AP Lang
2	World Hist 1 or AP World	World Hist 2 or AP World
3	Math	Math
4	Science	Science
5		
6		
7		
8		

Normal Load: 7-8 Credits per semester

### 12th Grade

	Semester 1	Semester 2
1	Eng 7 or AP Lit or Dystopian Lit	Eng 8 or AP Lit or Dystopian Lit
2	Amer Gov or AP Gov	Personal Finance or Honors
3	Elective	Elective
4		
5		
6		
7		
8		

Normal Load: 6 Credits per semester, 5 with parent permission



Burke High School offers the most Advanced Placement courses of any high school in the State of Nebraska with 34 course offerings. Starting in the 2019-20 school year, Burke High was the first school in the State of Nebraska to offer the College Board's AP Capstone 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.

AP Research  
AP Seminar  
English 10:AP Seminar  
AP Art: 2-D Art and Design  
AP Art: 3-D Art and Design  
AP Art: Drawing  
AP Art History  
AP Music Theory  
AP English Language and Composition  
AP English Literature and Composition  
AP African American Studies  
AP Comparative Government and Politics  
AP European History  
AP Human Geography  
AP Macroeconomics  
AP Microeconomics  
AP Psychology  
AP US Government and Politics  
AP United States History  
AP World History  
AP Calculus AB

AP Calculus BC  
AP Computer Science A  
AP Computer Science Principles  
AP Statistics  
AP Biology  
AP Chemistry  
AP Environmental Science  
AP Physics 1  
AP Physics 2  
AP Physics C: Mechanics  
AP French Language and Culture  
AP Spanish Language and Culture  
AP Spanish Literature and Culture

*For questions about the Burke AP Program, please contact the Burke AP/Dual Enrollment Coordinator.*

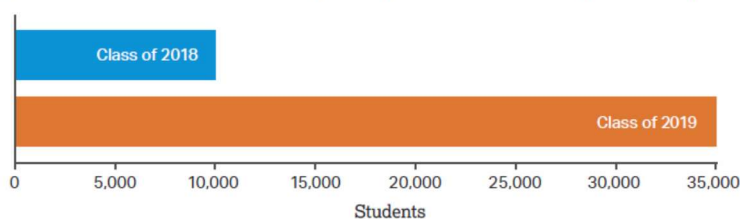
*[Laura.Gaunt@ops.org](mailto:Laura.Gaunt@ops.org)*

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

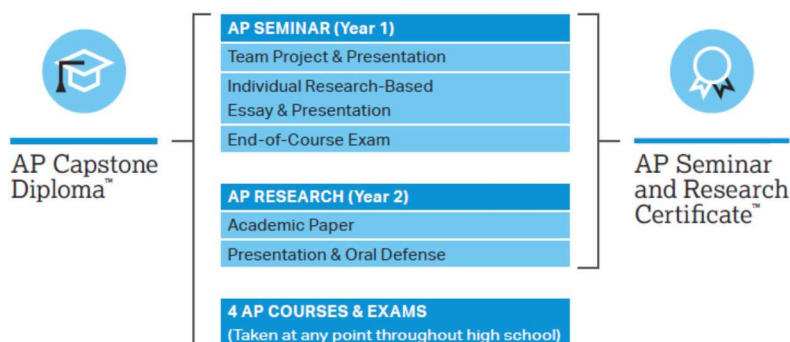
AP Capstone™ is a new diploma program for college-bound students. It's a challenging, college-level program that focuses on critical reasoning, research, collaboration, and communication skills. This fall, AP Capstone Diploma candidates will begin considering your institution in their higher education 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/apcapstonehed](https://collegeboard.org/apcapstonehed).

## **AP Capstone Courses:**

### **ENGLISH 10:AP SEMINAR**

**019TEMP01**

An English course taught in the AP Seminar style, English 10:AP Seminar helps students build foundational writing, collaboration, research, and presentation skills for future success in high school, college, and career. 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. All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools.

*Prerequisites:* None

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 10

### **AP SEMINAR**

**010801/010802**

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. All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools.

*Prerequisites:* None

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 10, 11, 12

### **AP RESEARCH**

**010811/010812**

AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills on a topic of the student's choosing. To accommodate the wide range of student topics, typical college course equivalents include introductory research or general elective courses. Build on what you learned in AP Seminar to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, you will design, plan, and conduct a year-long research-based investigation to address a research question. All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.

*Prerequisites:* Successful completion of AP Seminar or English 10: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.

The Advanced Placement (AP) program in the Omaha Public Schools offers high school students the opportunity to take college-level courses in a high school setting. For over fifty years, students in the school district have participated in the AP program to gain higher-level academic skills and earn college credit while still in high school. Successful completion of AP Exams offers the opportunity to earn college credit and financial savings for families on courses traditionally taken in college freshman and sophomore years. Participation in the AP program gives students college-level experience while still in high school.



# 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 (1Sem)

Astronomy 1 (Cohort) (1Sem)

U.S. History 1-2 or Honors U.S. History 1-2 (Cohort)

Physical Science 1-2 (Cohort)

*Grade 9*

Introduction to Aeronautics and Space (UNO AVN 1000)

AP Human Geography or Human Geography (Cohort)

*Grade 10*

Aviation Safety (UNO AVN 1160)

*Grade 11*

## Choose a Pathway

### Aircraft Mechanics

### Professional Flight

### Aerospace Technology

History of Aviation (UNO AVN 1040)  
(1Sem)

Aviation Mechanics 1-2

*Grade 11/12*

History of Aviation (UNO AVN 1040)  
(1Sem)

Introduction to Meteorology (1Sem)

*Grade 11*

History of Aviation (UNO AVN 1040)  
(1Sem)

Introduction to Meteorology (1Sem)

*Grade 11*

Intro to Powered Flight (UNO AVN 1020)

*Grade 12*

UAV Drone Pilot Training (1Sem)

*Grade 12*

# AIR & SPACE ACADEMY

The following courses are offered as part of a special program for students interested in careers in Aeronautics and Space. Selecting 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:* None

*Duration:* 1 semester

*Credit:* 1 credit

*Grade Level:* 9

## **FUNDAMENTALS OF AEROSPACE TECHNOLOGY 1-2**

**181211/181212**

This project-based learning course engages students who are curious about aviation and aerospace careers. This course will introduce students to an engineering design process, tools to collect and analyze data, the science of aviation, materials and structures, and safety. Students will participate in real-world experiences such as designing, and building small aircraft, kite, straw rocket launcher, moto-powered rocket and a model glider. Recommended for students interested in entering the Burke Air and Space Academy.

*Prerequisite:* None

*Duration:* 1 year

*Credit:* 1 credit per semester

*Grade Level:* 10,11, 12

## **+HONORS INTRODUCTION TO AERONAUTICS & SPACE**

**181201**

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.

*Prerequisites:* Successful Completion of Fundamentals of Aerospace Technology 1-2 or Instructor Permission

*Duration:* 1 Semester

*Credit:* 1 credit

*Grade Level:* 11, 12

## **AEROSPACE ENGINEERING 1-2**

**181221/181222**

This course engages students in applying the design process, using tools to collect and analyze data, exploring a deeper level of the science of aviation and discovering how quality control systems work in the aviation field. Students will work collaboratively in teams to design, build and test a wing; plot a course for a plane to take off and land; design, build and test a wing attachment system; test materials under stress; and design, build and test an electric-powered plane. Students will demonstrate their newly acquired knowledge and skills by presenting their innovative ideas, techniques and solutions to business and industry partners.

*Prerequisites:* Successful Completion of Fundamentals of Aerospace Technology 1-2 or Instructor Permission

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 11

## **+AVIATION SAFETY**

**172391**

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:* Introduction to Aviation and Aerospace, and Instructor/Director Permission.

*Duration:* 1 Semester

*Credit:* 1 credit

*Grade Level:* 11, 12



**+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:* Introduction to Aviation and Aerospace, or Instructor/Director 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:* None

*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:* Intro to Aviation and Aerospace, Aviation Safety, or Aviation History, and Instructor/Director Permission.

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

**AVIATION MECHANICS 1-2****172411/172412**

This course will provide students a basic understanding of the elements involved with performing maintenance on an aircraft. The students will develop knowledge and skills related to various areas of maintaining an aircraft including safe work habits, applied math, maintaining the aircraft structure, fluid power systems and interior construction. Using industry-standard tools, students will construct projects using metals, welding, fluid power materials, woods, and various fasteners.

*Prerequisites:* None

*Duration:* 1 Year *Credit:* 1 credit per semester *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 Aviation and Aerospace, and Instructor/ Director Permission.

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

**Academy Partners:**

# Business, Marketing, & Information Technology

OPS Graduation Requirements:

All Students Must Complete  
16 Elective Credits

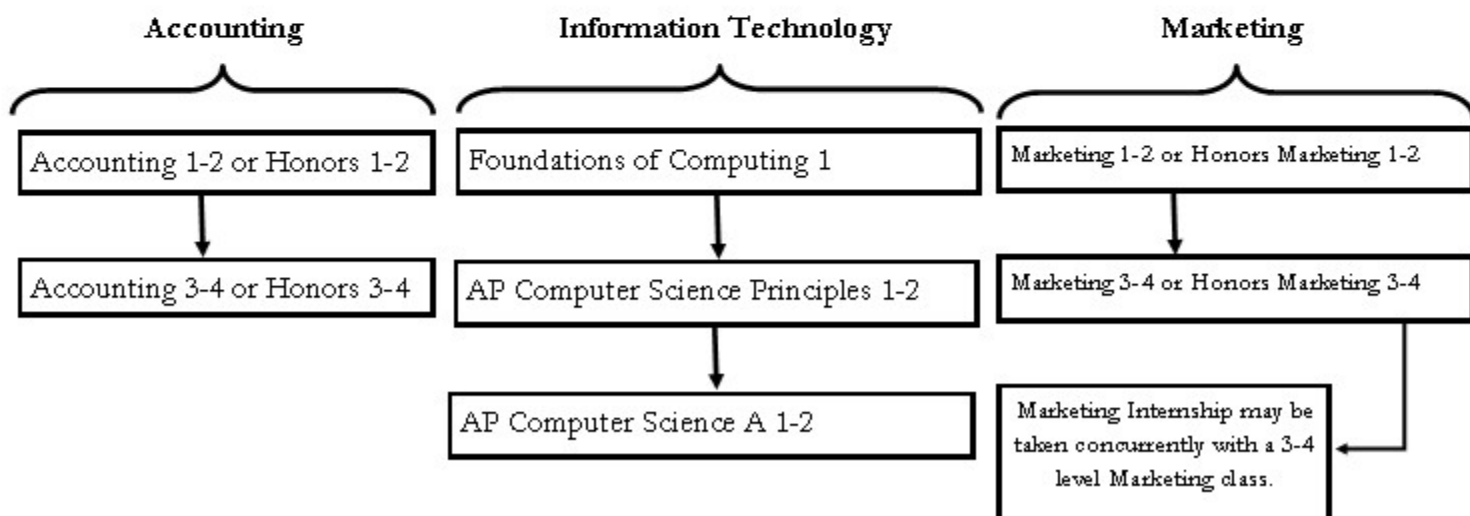
OPS Graduation Requirements:

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

Every Senior **must** complete:

**Personal Finance or Honors Personal Finance**

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



For questions about BMIT offerings, please contact [Jodi.Nielsen@ops.org](mailto:Jodi.Nielsen@ops.org)

## **BUSINESS**

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

### **ACCOUNTING 1-2**

**120171/120172 or HONORS 120211/120212**

This course covers a service business organized as a sole proprietorship which will include 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 and accounting systems and controls. Students apply concepts of double-entry accounting systems related to a merchandising business organized as a corporation. Additional accounting skills will be developed, including preparing and journalizing payroll records, calculating and recording adjusting entries and interpreting financial information. Students are given the opportunity to explore career related skills and perform accounting applications using technology.

*Prerequisites:* Successful completion of Algebra 1-2 or concurrent enrollment

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 11, 12

### **HONORS ACCOUNTING 3-4**

**120201/120202**

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

**MANAGEMENT AND LEADERSHIP 1-2****120791/120792**

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

<i>Duration:</i> 1 Year	<i>Credit:</i> 1 credit per semester	<i>Grade Level:</i> 11, 12
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**HONORS MANAGEMENT AND LEADERSHIP 1-2****120821/120822**

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

<i>Duration:</i> 1 Year	<i>Credit:</i> 1 credit per semester	<i>Grade Level:</i> 11, 12
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**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

<i>Duration:</i> 1 semester	<i>Credit:</i> 1 credit per semester	<i>Grade Level:</i> 12
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**\*\*+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

<i>Duration:</i> 1 semester	<i>Credit:</i> 1 credit per semester	<i>Grade Level:</i> 12
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**MARKETING***Classes marked with an + may be eligible for Dual Enrollment at Omaha area colleges***MARKETING 1-2****120471/120472 or HONORS 120501/120502**

This course develops basic student understanding and skills in the functions of marketing. Emphasis is placed on the impact of marketing activities on the individual, business, and society. Topics include market analysis, marketing information management, target customer identification, the development of marketing-mix strategies, and an in-depth look at the selling process. This course furthers student understanding and skills of the marketing functions and strategies, including pricing, product/service management, channel management, promotion, and marketing-information management. Membership in the extracurricular organization DECA is strongly recommended.

*Prerequisites:* None

<i>Duration:</i> 1 Year	<i>Credit:</i> 1 credit per semester	<i>Grade Level:</i> 11, 12
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**MARKETING 3-4****120511/120512**

This course is an expansion and application of previous marketing studies with an emphasis on learning to develop responsive marketing strategies that meet customer needs. This course focuses on marketing concepts and the role of marketing in the organization and society where students develop a marketing plan. Topics include market research, product development, promotion, channel management, and pricing.

*Prerequisites:* Successful completion of Marketing 1-2/Honors

<i>Duration:</i> 1 Year	<i>Credit:</i> 1 credit per semester	<i>Grade Level:</i> 12
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**+HONORS MARKETING 3-4****120501/120502**

This course is an expansion and application of previous marketing studies with an emphasis on learning to develop responsive marketing strategies that meet customer needs. This course focuses on marketing concepts and the role of marketing in the organization and society where students develop a marketing plan. Topics include market research, product development, promotion, channel management, and pricing. 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 required. Enrollment in Marketing Internship is recommended.

*Prerequisites:* Successful completion of Marketing 1-2/Honors*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:* Marketing 1-2/Honors and concurrent enrollment with Honors Marketing 3-4*Duration:* 1 Year*Credit:* 1 credit per semester*Grade Level:* 12

<b>INFORMATION TECHNOLOGY</b>
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*Classes marked with an + may be eligible for Dual Enrollment at Omaha area colleges*

**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**+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:* 9,10,11,12**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

# ENGLISH

## Core Course Offerings

All Students Must Complete These Courses

## Elective Course Offerings

Students May Choose To Take These Courses for Global Elective

Freshmen  
Year

English 1-2 or Honors English 1-2

Photojournalism 1 and Digital Journalism 1

Debate 1-2 or Honors

+H. Yearbook 1-2

+Beffat Magnet Students may choose  
H. Yearbook 1-2

Sophomore  
Year

English 3-4 or English 10: AP Seminar

Debate 1-2 or Honors

H. Yearbook 3-4

Photojournalism 1 and Digital Journalism 1

H. Yearbook 1-2

+H. Dig Journalism 3-4

Junior Year

English 5-6 or AP English Language and Composition

Debate 1-2 or Honors

H. Yearbook 5-6

Photojournalism 1 and Digital Journalism 1

H. Yearbook 3-4

H. Yearbook 1-2

Editorial Leadership

H. Dig Journalism 5-6

H. Dig Journalism 3-4

English Review and Writing Skills

(May be used once to remove an English Credit deficiency for English 1-8. Registration preference is given to Seniors.)

Senior Year

English 7-8 or AP English Literature and Composition

Debate 1-2 or Honors

H. Yearbook 5-6

Editorial Leadership

H. Yearbook 3-4

H. Yearbook 1-2

H. Dig Journalism 7-8

H. Dig Journalism 5-6

H. Dig Journalism 3-4

or

Dystopian Literature

English Review and Writing Skills

(May be used once to remove an English Credit deficiency for English 1-8. Registration preference is given to Seniors.)

**OPS Graduation Requirements:**

All Students Must Complete 8 Credits of English. Any additional English courses may be used for elective credit.

For questions about English offerings, please contact [Laura.Gaunt@ops.org](mailto:Laura.Gaunt@ops.org)

# ENGLISH

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

## **ENGLISH 10:AP SEMINAR**

**019TEMP01**

An English course taught in the AP Seminar style, English 10:AP Seminar helps students build foundational writing, collaboration, research, and presentation skills for future success in high school, college, and career. 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. All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools.

*Prerequisites:* None

*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****011911/011912**

AP Language and Composition is an AP course designed to engage students in the careful reading and critical analysis of, primarily, non-fiction works. 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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

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****010531/010532**

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****011901/011902**

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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

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)****019TEMP05**

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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

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

*Note:* Zero Hour AP English Literature and Composition is offered to students who wish to have 9 classes a semester. Students with a class release must have a verified financial need to be enrolled in the Zero Hour Course. If interested in taking this Zero Hour with a class release, please discuss with a student's assigned School Counselor. Verification will include a letter from the student's employer that the student will be working during the class release period.

**DYSTOPIAN LITERATURE (SATISFIES ENGLISH 7-8 GRADUATION REQUIREMENT)****019TEMP08**

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****011171**

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**WRITING SKILLS****010771**

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**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**HONORS YEARBOOK 1-2****021231/021232**

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:* Successful completion of a "C" or higher in either Journalism 1-2, Honors Journalism 1-2, or both photojournalism and digital journalism. It also requires Journalism Adviser permission.*Duration:* 1 year*Credit:* 1 credit per semester*Grade Level:* 9, 10, 11, 12**HONORS YEARBOOK 3-4****021331/021332**

Students enrolled in this course are responsible for the production of the school yearbook. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are required.

*Prerequisite:* Successful completion of a "C" or higher in Yearbook 1-2 and Journalism Advisor permission.*Prerequisites:* Yearbook advisor permission*Duration:* 1 year*Credit:* 1 credit per semester*Grade Level:* 10, 11, 12**HONORS YEARBOOK 5-6****021431/021432**

Students enrolled in this course are responsible for the production of the school yearbook. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and layout design skills are required. Students will assume additional responsibilities and assignments. This course is for third year yearbook students.

*Prerequisites:* Successful completion of a "C" or higher in Honors Yearbook 3-4 AND requires Journalism Adviser Permission.*Duration:* 1 year*Credit:* 1 credit per semester*Grade Level:* 11, 12**EDITORIAL LEADERSHIP****022751/022752**

Students enrolled in this class must also be enrolled concurrently in H. Yearbook 3-4, H. Newspaper 3-4, or Digital Journalism 5-6 or higher. The purpose of this class is to build the leadership skills of journalists who are promoted into editorial management positions. It will also establish ongoing training, coaching, and support as well as create mutually supportive cohorts for the leaders.

*Prerequisites:* Successful completion of a "C" or higher in previous Honors Yearbook, Honors Newspaper, or H. Digital Journalism AND requires Journalism Adviser Permission. Exceptions may be made for H. Yearbook 1-2, H. Newspaper 1-2, and H. Digital Journalism 3-4 students who have been moved to an editorial leadership position.*Duration:* 1 semester or 1 year*Credit:* 1 credit per semester*Grade Level:* 11, 12

**PHOTOJOURNALISM 1****020841**

In addition to learning to create written pieces through the development of photographs, this course includes DSLR camera operation, lighting, composition, photo editing techniques for print or computer-mediated publication applications. Emphasis is placed on using the camera as a reporting tool in conjunction with design to publish their work. Legal and ethical issues involving photojournalism will also be addressed. Students should also take Digital Journalism 1.

*Prerequisite:* none*Duration:* 1 semester*Credit:* 1 credit per semester*Grade Level:* 9, 10**DIGITAL JOURNALISM 1****020451**

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:* Photojournalism 1*Duration:* 1 semester*Credit:* 1 credit per semester*Grade Level:* 9, 10**HONORS DIGITAL JOURNALISM 3-4****022451/022452**

Students enrolled in this course are responsible for the production of the online school newspaper website and student journalism social media. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and video skills are required.

*Prerequisites:* Successful completion of a "C" or higher in either Journalism 1-2, Honors Journalism 1-2, or both photojournalism and digital journalism. It also requires Journalism Adviser permission.

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

9,10,11,12

**HONORS DIGITAL JOURNALISM 5-6****022551/022552**

Students enrolled in this course are responsible for the production of the online school newspaper website and student journalism social media. Students work individually and collaboratively on their assignments. Quality writing, editing, advertising, photography, and video skills are required.

Students will assume additional responsibilities and assignments. This course is for second year digital journalism students.

*Prerequisites:* Successful completion of a "C" or higher in Honors Digital Journalism 3-4 AND requires Journalism Adviser Permission.

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

9,10,11,12



**High School EL Pathway (for ELs with Formal Education history)**

High School EL Pathway (for ELs with Formal Education history)				
<b>Year 1 in US School- Beginning Level ELs</b>	<b>A Day</b>	<b>B Day</b>	<b>Considerations</b>	<b>Summer courses for accrual purposes (June and/or July)</b>
	ESL 1 (155191) ESL 2 (155192)	ESL 1 (155191) ESL 2 (155192)		ESL 1-2 Summer Enrichment (158111-158112)
	Recommended Math	Recommended optional EL co-requisite math support course: ESL Math Prep 1 (155301) ESL Math Prep 2 (155302)	New EL Math screener developed by Math Department for initial math course placement. Courses in math progression may include: <b>Math Essentials 1-2*</b> <b>Pre-Algebra 1-2</b> <b>Algebra 1-2</b> *Math Essentials is a math credit bearing course taught by Math teacher	Math Essentials 1 (June) Math Essentials 2 (July)
	Science Foundations 3 (063141) Science Foundations 4 (063142)	ESL Social Studies Foundations 1 (159411) ESL Social Studies Foundations 2 (159412)	ESL Social Studies Foundations 1-2 course provides foundational language and literacy development in social studies context; overview of units of study taught in 8th grade Social Studies	
	Elective/Freshman Seminar	P.E.		
<b>Year 2 in US School- Early Intermediate Level ELs</b>	<b>A Day</b>	<b>B Day</b>	<b>Considerations</b>	<b>Summer courses for accrual purpose (June and/or July)</b>
	ESL 3 (155351) ESL 4 (155352)	ESL 3 (155351) ESL 4 (155352)		Geography and Economics (June only)
	Academy or Pathway Course	Recommended Math	Courses in math progression may include: Pre-Algebra 1-2 Algebra 1-2	
	P.E.	ESL Reading 3 (155231) ESL Reading 4 (155232)		
	Physical Science	US History 1 ELL (031331) US History 2 ELL (031332)	Sheltered course taught by Social Studies/EL endorsed teacher	
<b>Year 3 in US School - Intermediate Level ELs</b>	<b>A Day</b>	<b>B Day</b>	<b>Considerations</b>	<b>Summer courses for accrual purpose (June and/or July)</b>
	ESL 5 (155151) ESL 6 (155152)	English 1 ELL (010371) English 2 ELL (010372)	Sheltered course taught by English/EL endorsed teacher	English 3 (June)
	Biology	Recommended Math	Courses in math progression may include: Algebra 1-2 Geometry	English 4 (July)
	Elective OR Geography (if not taken in summer of Year 2)	Elective OR Economics (if not taken in summer of Year 2)	Academic Literacy (Reading Intervention course may serve as an elective for ELs based on specific criteria)	
	Academy or Pathway Course	World History 1-2	Course taught by Social Studies/EL endorsed teacher	
<b>Year 4 in US School- Intermediate Level ELs</b>	<b>A Day</b>	<b>B Day</b>	<b>Considerations</b>	<b>Summer courses for accrual purposes</b>
	English 5-6	English 3-4 (if not taken in summer of Year 3) OR English 7-8		English 7-8 (through Accelerate) if a student must take English 3-4 during school year
	Personal Finance	American Government		
	Suggested Academy or student interest-based Science elective	Recommended Math		
	Academy or Pathway Course	Elective		

# ESL

## **ESL 1-2**

**15591/155192**

This course is intended for beginning proficiency level English learners (typically a first-year English learners with formal educational experiences). It is worth 2 credits due to double seat time. It focuses on increasing ELs' academic English skills in the areas of speaking, listening, reading, and writing to an early-intermediate level as measured by the ELP Achievement Level Descriptors. The language and literacy integrated curriculum provides students with a balanced approach to learning English through applying comprehension skills to study authentic literature, informational texts, foundational literacy skills, academic vocabulary development, and academic writing with contextualized grammar. Special attention will be given to develop ELs' oral language through integration of academic conversations. The curriculum for ESL classes is aligned to the English Language Proficiency standards and is in support of academic language development required for the core content-area standards' mastery.

*Prerequisites:* 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 ESL course is intended for beginning proficiency level English learners (typically a first-year English learners with formal educational experiences) and supports literacy and English language acquisition. This course explores the life of our country during the time period between Independence to 1900. Instruction is organized around the themes of geography, history, economics, and civics. Students investigate the key people, events, and ideas of the United States through primary and secondary sources, multiple perspectives, and the inquiry process. The curriculum for ESL classes is aligned to the English Language Proficiency standards and is in support of academic language development required for mastery of HS US History course standards and curriculum.

*Prerequisites:* Placement by ESL Staff

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 9, 10, 11, 12

## **US HISTORY 1-2 ELL**

**031331/031332**

Course Description/Narrative: 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 1900 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, and civics. Students investigate the key people, events, and ideas of the United States through primary and secondary sources, multiple perspectives, and the inquiry process.

*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

## **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, 12

## **ESL 3-4**

**155351/155352**

This course is intended for intermediate proficiency level English learners (typically a second-year English learners with formal educational experiences). It is worth 2 credits due to double seat time. The focus of the course will be to increase ELs' academic English skills in the areas of speaking, listening, reading, and writing to an intermediate level as measured by the ELP Achievement Level Descriptors. The language and literacy integrated curriculum will focus on strengthening comprehension and interaction with complex text through utilization of high-yield comprehension strategies, academic conversations, academic vocabulary and writing and grammar skills required to produce academic writing. The curriculum for ESL classes is aligned to the English Language Proficiency standards and is in support of academic language development required for the core content-area standards' mastery.

*Prerequisites:* Successful completion of learning goals from ESL 1-2 or demonstration of equivalent skills is required for this course.

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 9, 10, 11, 12

**ESL READING 3-4****155231/155232**

This is a yearlong course. This course is designed for intermediate proficiency level ELs. The focus of the course is to improve ELs academic language development in the areas of speaking, listening, reading and writing to an intermediate level as measured by the ELP Achievement Level Descriptors. Emphasis is on strengthening comprehension skills through experience with texts that systematically increase in scope and complexity. Students will have frequent opportunities for academic conversations and writing about relevant content that supports growth toward mastery of grade level content.

*Prerequisites:* Successful completion of learning goals from ESL 1-2 course or demonstration of equivalent skills is required for this course.

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

**ESL MATH PREP****155301/155302**

This co-requisite course is intended for beginning proficiency level English learners, who are also enrolled in an appropriate math course. The focus of the course will be to build math literacy (language and vocabulary for math.). Course curriculum includes math discourse development. (e.g., academic vocab, how to unpack math word problems, academic conversations about math) and foundational skills review. Curriculum for this course is aligned to the English Language Proficiency standards and is in support of academic language development required for mathematics.

*Prerequisites:* 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**

Science Foundations 3-4 is an inquiry-based course designed to expose students to natural, environmental, and life sciences. Topics include weather and water cycles, plant studies, environmental changes, and human body systems. This course provides a foundation for other science courses. This elective science course is intended for beginning proficiency level English learners (typically a first-year English learners with formal educational experiences).

*Prerequisites:* Placement by ESL Staff

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

**ESL 5-6****155151/155152**

*Course Description/Narrative:* This co-requisite course is intended for intermediate proficiency level English learners, who are also enrolled in English 1-2 ELL course. The focus of the course will be to increase ELs' academic English skills in the areas of speaking, listening, reading, and writing to an advanced level as measured by the ELP Achievement Level Descriptors. The language and literacy integrated curriculum will focus on strengthening comprehension and interaction with complex text through utilization of high-yield comprehension strategies, academic conversations, academic vocabulary and writing and grammar skills required to produce academic writing. The curriculum for this course is aligned to the English Language Proficiency standards and is in support of academic language development required for English 1-2 course.

*Prerequisites:* Successful completion of ESL 3-4 or placement by ESL staff

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

**ACADEMIC LANGUAGE STUDY EL****157101/157102**

This co-requisite course is intended for beginning proficiency level English learners, who are also enrolled in an appropriate math course. The focus of the course will be to build math literacy (language and vocabulary for math.). Course curriculum includes math discourse development. (e.g., academic vocab, how to unpack math word problems, academic conversations about math) and foundational skills review. Curriculum for this course is aligned to the English Language Proficiency standards and is in support of academic language development required for mathematics.

*Prerequisites:* Placement by ESL Staff

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



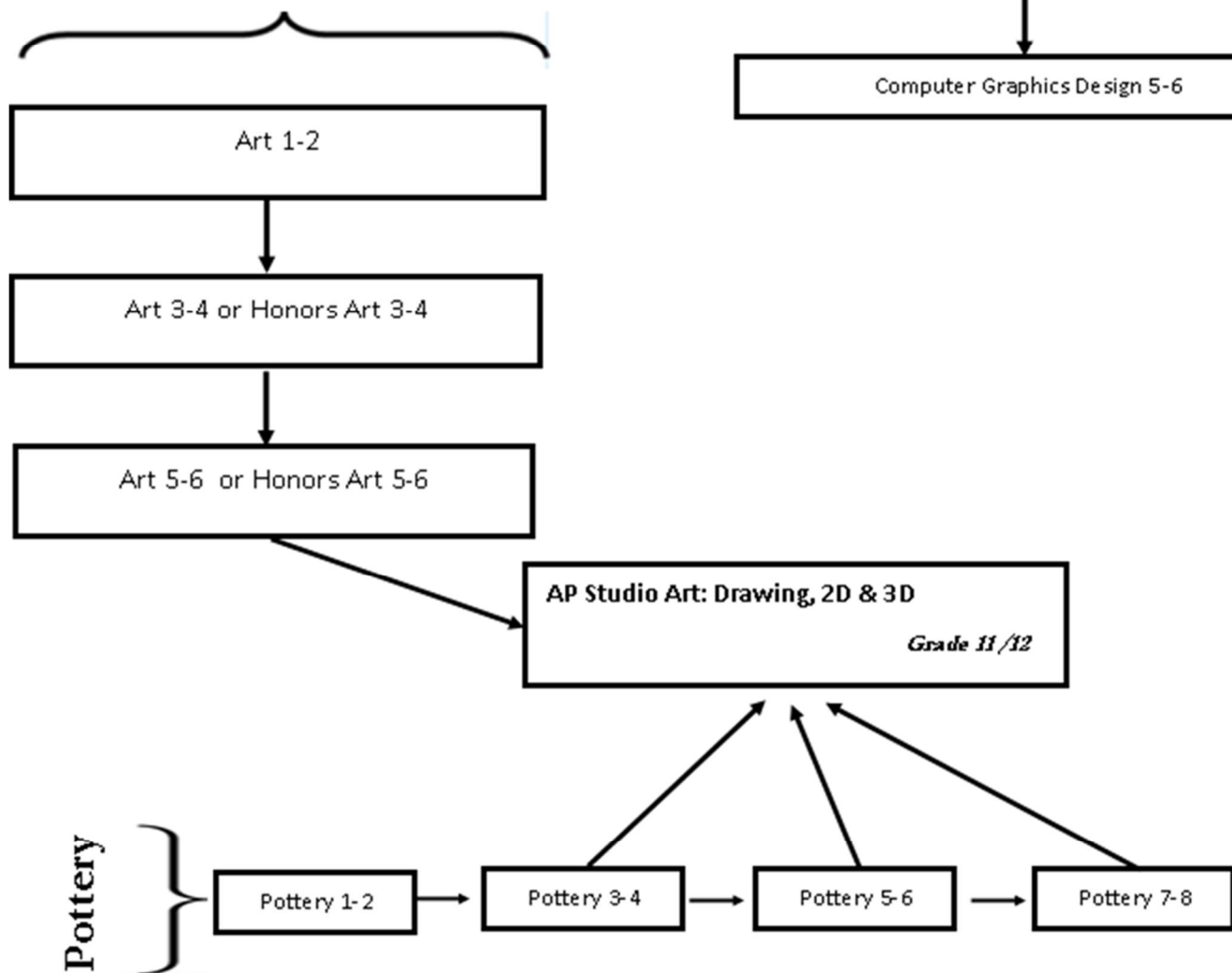
# Fine Arts

OPS Graduation Requirements:

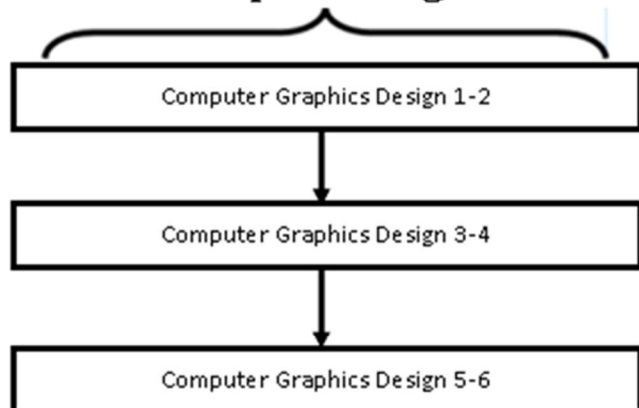
All Students Must Complete  
16 Elective Credits

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

## Art



## Graphic Design



For questions about Fine and Performing Arts offerings, please contact [Jodi.Nielsen@ops.org](mailto:Jodi.Nielsen@ops.org)

## FINE ARTS

The Fine Arts encompasses Art, Graphic Design, and Pottery. Students are provided opportunities to explore and to use creative talents as they develop an appreciation and understanding of the visual arts. The fine 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 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

### **ART 1-2 110211/110212**

This course offers beginning art students a foundation in basic drawing skills, design elements and principles, and color theory as they create original art works in a variety of media. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of art. Students will be examining important works of art from a variety of cultures and time periods, participating in critiques of art works, and discussing aesthetic issues.

*Prerequisite:* None

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

### **ART 3-4 110251/110252**

This course offers an expansion of skills and knowledge of drawing and design concepts, and further exploration of techniques and media, including watercolor and/or acrylic painting. Students will explore aesthetic issues, examine and discuss historically important art works from a variety of cultures, using the language of art criticism. In addition to art production, students will use a variety of learning strategies including reading, analyzing and responding to develop a deeper understanding of art.

*Prerequisite:* Successful completion of Art 1-2

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

### **HONORS ART 3-4 110321/110322**

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.

*Prerequisites:* B or better in Art 1-2 or instructor recommendation

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

### **ART 5-6 110291/110292 or HONORS 110281/110282**

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.

*Prerequisites:* Successful completion of Art 3-4/H

*Duration:* 1 Year                      *Credit:* 1 credit per semester                      *Grade Level:* 10, 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 per semester                      *Grade:* 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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.* This course may be taken multiple times for credit.

*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:* 11, 12

### **AP DRAWING**

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 ART**

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 ART**

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.

# Performing Arts

Students may choose to take courses below for Global Elective Credit

## OPS Graduation Requirements:

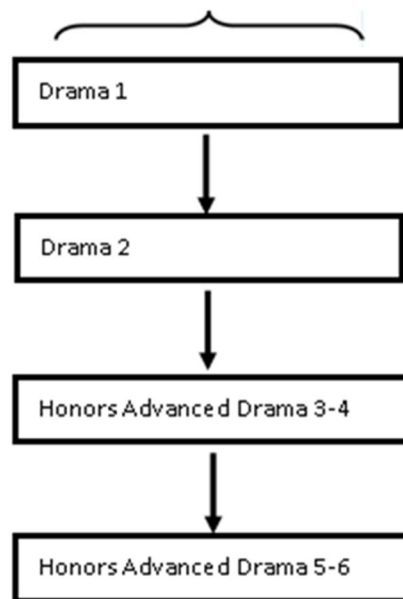
All Students Must Complete 16 Elective Credits

All Students Must Complete 4 Credits of Physical Education. The following FPA courses provide an opportunity to earn Physical Education Credit:

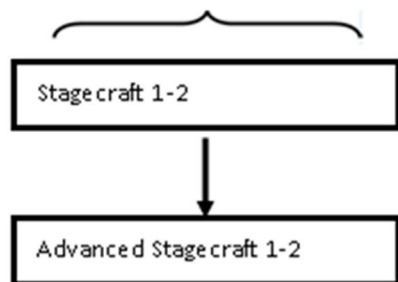
Honors Swing Choir 1-2/ Honors Flag Corp (2 Semesters)

Honors Concert Band (Semester 1)

## Drama

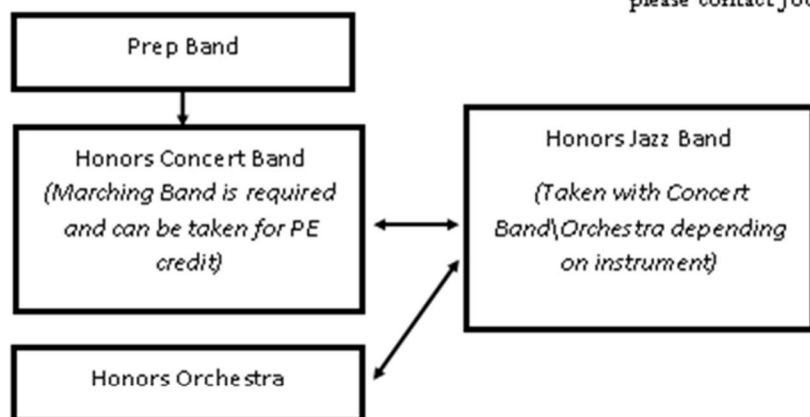


## Stagecraft

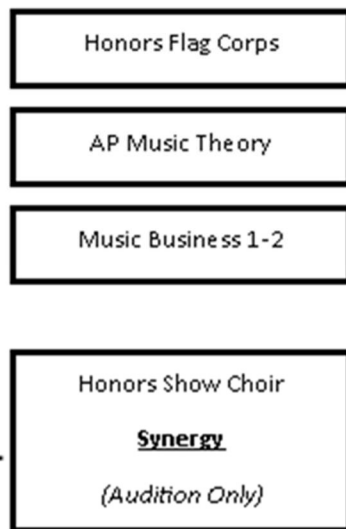


For questions about Fine and Performing Arts offerings, please contact [Jodi.Nielsen@ops.org](mailto:Jodi.Nielsen@ops.org)

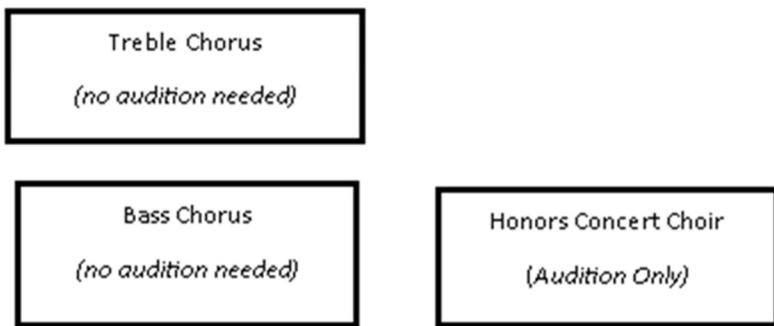
## Instrumental Music



## Other Music Electives



## Vocal Music



## PERFORMING ARTS

The Performing Arts encompasses Drama, Vocal Music and Instrumental Music. Students are provided opportunities to explore and to use creative talents as they develop an appreciation and understanding of the performing arts. The 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 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.*

## DRAMA

### **DRAMA 1**

**020631**

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**

**020632**

This course provides an introduction to drama and theater as an art form. Students enrolled in this course will learn and apply basic principles of acting and fundamentals of stage terminology and audience etiquette. Participants will study, experience, and perform pantomime, improvisation, monologues, original scenes, and create, write, and perform original scripts/plays. Students will also study the technical aspects of theater and an introduction to theater history. Students are required to attend and critique all school play and musical productions. 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:* 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:* 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.

*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****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. Membership is by audition. 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



**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 (depending on instrument.)

*Duration:* 1 year *Credit:* 1 credit per semester *Grade Level:* 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. Advisors guide the students in developing written plans for earning honors credit. *Rehearsals and performances may occur outside of school and must be a student consideration for enrollment.*

*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 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.

*Prerequisites:* Interest in vocal music

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

**BASS CHORUS****192061/192062**

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

*Prerequisites:* Interest in vocal music

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

**HONORS SHOW CHOIR (SYNERGY)****191331/191332**

This course is the principal show choir of each high school and receives a PE Credit. These advanced choral ensembles, which vary in size, 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 numbers and frequent performance, often requiring time outside of school, must be a student consideration for enrollment and audition. Students are required to participate in all scheduled performances, including competitions in the spring.

*Prerequisites:* Audition/teacher selection/membership in Honors Concert Choir; teacher permission

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

**MUSIC BUSINESS 1-2****190081/190082**

This course is designed for students who have an interest in the business side of the music industry, an overview of the music industries, and explains how the various segments operate on a day-to-day basis, where monies are generated, who the key players are, how deals are made and broken, how interests are protected, and the new developments in digital technology that are changing the way that music is marketed promoted, distributed, and heard. The course goals are to provide hands-on, project-based opportunities for students aligned to student interests to experience development of music industry related concepts and projects and give them employability skills that are considered essential in the music industry. A primary focus is to expose the participating students to the vast array of career opportunities in the music industry that are outside of music performance or music education.

*Prerequisites:* Instructor permission

*Duration:* Year *Credit:* 1 credit per semester *Grade Level:* 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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*Prerequisites:* Students must be concurrently enrolled in a music course.

*Duration:* 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

## OPS Graduation Requirements:

All Students Must Complete 16 Elective Credits

Every Burke Sophomore must take:

**Human Growth and Development or Honors Human Growth and Development**

*Students Grade 9-11 May Choose To Take Courses Below for Global Elective Credit:*

### HSE Global Electives

Sports Nutrition

Family Living 1-2

For questions about Human Sciences and Education offerings, please contact [Jodi.Nielsen@ops.org](mailto:Jodi.Nielsen@ops.org)

## **HUMAN SCIENCES AND EDUCATION**

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

### **HUMAN GROWTH HS**

**070931**

This course helps senior high students acquire responsible decision-making skills related to wellness, communication skills, healthy relationships, preventing abuse, chemical usage, sexuality, prenatal care, etc. All senior high school students are required to enroll in one of the Human Growth and Development courses, but a parent/guardian may choose to opt out his/her student.

*Prerequisite:* None

*Duration:* 1 semester

*Credit:* 1 credit

*Grade Level:* 10, 11, 12

### **HONORS HUMAN GROWTH HS**

**070981**

This honors course helps senior high students acquire responsible decision-making skills related to wellness, communication, healthy relationships, preventing abuse, chemical usage, sexuality, prenatal care, etc. Expectations include additional reading assignments and more in-depth projects than the regular Human Growth course. All senior high school students are required to enroll in one of the Human Growth and Development courses, but a parent/guardian may choose to opt out his/her student.

*Prerequisite:* None

*Duration:* 1 semester

*Credit:* 1 credit

*Grade Level:* 10, 11, 12

### **SPORTS NUTRITION**

**140141**

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

*Prerequisite:* None

*Duration:* 1 semester

*Credit:* 1 credit

*Grade Level:* 9, 10, 11, 12

### **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

# OPS Mathematics Course Options

**Pre-Algebra 1-2**  
040161/040162

**Algebra 1-2**  
040271/040272

**Geometry 1-2**  
040351/040352  
**H Geometry 1-2**  
040361/040362

**Essential Concept Courses**

See the complete course guide for more detailed descriptions of each course.

After a student completes the **Essential Concept Courses**, they have choice to pursue mathematics based on their own personal needs, goals, and aspirations. Academy and pathway documents may also serve as a resource.

Course choices should be based on students' desire to pursue the future that they imagine for themselves rather than on mathematical ability perceived by anyone else.  
*(Catalyzing Change in Mathematics, 2018)*

**Course Options available any time after Geometry 1-2**  
Note: 6 credits of math are required for graduation

**Algebra 3-4**  
040291/040292  
**H Algebra 3-4**  
040301/040302

**Data and Statistics 1-2**  
049601/049602

**MCC Business Math 1220 1-2**  
049501/049502  
**MCC Technical Math 1240 1-2**  
049511/049512  
*not NCAA eligible*

**Course Options available any time after Algebra 3-4**  
Note: 4-year colleges and universities prefer students complete one course beyond Algebra 3-4

**H PreCalc/Trig 1-2**  
040411/040412

**AP Statistics 1-2**  
040841/040842

**College Algebra 1-2**  
049701/049702

**Course Options available after H PreCalc/Trig 1-2**  
Note: AP courses have college credit bearing options through dual enrollment and/or credit by examination

**AP Calculus AB 1-2**  
040451/040452

**AP Calculus BC 1-2**  
040461/040462

**AP Statistics 1-2**  
040841/040842

**H Calculus 3/H Diff Equations**  
040471/040541

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



# MATHEMATICS

*^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.

*Prerequisites:* None

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 9, **10 (EL Only)**

## **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.

*Prerequisites:* None

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 9, 10, 11, 12

## **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.

*Prerequisites:* 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 Teaching and Learning Consultant.

*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**

**040301/040302**

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

*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 Teaching and Learning Consultant.

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 9, 10, 11, 12



**+MCC MODULAR MATH 1220 BUSINESS MATH****049501/049502**

This course is eligible for dual enrollment through Metropolitan Community College and is equivalent to MCC Math 1220 Business Mathematics. This course is directed toward the development and application of the mathematics skills needed to solve problems related to business occupations. Topics include percentages, checking accounts and services, payroll, payroll taxes, cash and trade discounts, property and sales taxes, simple and compound interest, installment purchases, loan payment plans, and annuities. Instruction and assessments are delivered electronically with the support of a classroom teacher. Students in this course are automatically Dual Enrolled with Metropolitan Community College and must meet MCC guidelines for course progress. This course is delivered using an online learning system.

*Prerequisites:* Successful completion of Geometry 1-2 or Honors

*Duration:* 1 Year      *Credit:* 1 credit per semester

*Grade Level:* 10, 11, 12

**+MCC MODULAR MATH 1240 TECHNICAL MATH****049511/049512**

Students develop and apply mathematical skills needed to solve problems related to industrial occupations. Topics include applications of arithmetic skills, measurement, elementary algebra, geometry, and trigonometry. Students in this course are automatically Dual Enrolled with Metropolitan Community College and must meet MCC guidelines for course progress. This course is delivered using an online learning system.

*Prerequisites:* Successful completion of Geometry 1-2 or Honors.

*Duration:* 1 Year      *Credit:* 1 credit per semester

*Grade Level:* 10, 11, 12

**COLLEGE ALGEBRA 1-2****049701/049702**

In this course students learn math skills required for further mathematics courses. Topics include: functions and their inverses; polynomial, radical, exponential and rational expressions and equations; graphing functions using transformations. Topics in probability and statistics are also addressed.

*Prerequisites:* Successful completion of Algebra 3-4

*Duration:* 1 Year      *Credit:* 1 credit per semester

*Grade Level:* 10, 11, 12

**HONORS PRECALCULUS/TRIGONOMETRY 1-2****040411/040412**

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

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

*Duration:* 1 Year      *Credit:* 1 credit per semester

*Grade Level:* 9, 10, 11, 12

**DATA AND STATISTICS 1-2****049601/049602**

This course is designed to equip students with the mathematical, statistical, and computational skills necessary to explore life situations. Students will engage with data and statistics in order to be able to determine correlations, make sound predictions, and develop conclusions.

*Prerequisites:* Successful completion of both semesters of Geometry 1-2.

*Duration:* 1 Year      *Credit:* 1 credit per semester

*Grade Level:* 11, 12

**+ADVANCED PLACEMENT STATISTICS 1-2****040841/040842**

This is a course in statistics that covers the topics in the syllabus published by the College Board. College credit and placement depend on the individual college. This statistics class will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data, Planning a Study, Anticipating Patterns, and Statistical Inference. This course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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****040451/040452**

This course follows the College Board's Advanced Placement syllabus for Calculus AB, which stresses the concept of limit and introduces the student to differential and integral calculus, including both theorems and techniques. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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****040461/040462**

This course follows the College Board's Advanced Placement syllabus for Calculus BC, which includes functions, graphs, limits, derivatives, integrals, polynomial approximations, and series. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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****040471**

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****040541**

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

*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

# OPS MCC Math Dual Enrollment

OPS MCC Math Dual Enrollment is a program offered through Metropolitan Community College and is designed to equip high school students with the math skills necessary to earn an associate's degree. Students attend an MCC Math class as part of their regular high school schedule, however, the course is a self-paced curriculum delivered in an online format with the support of certified teachers. Upon successful completion, students will have earned both OPS high school credit as well as Metropolitan Community College credits.

## Courses Available:

MCC Course Title	OPS Course Title (Course Number)	OPS Credit Type	MCC Credit Equivalence
MATH 0910* – Pre-Algebra	This course is included in both MCC Business Math 1220 and MCC Technical Math 1240	*	5.0 credits
MATH 1220 – Business Mathematics OR MATH 1240 – Technical Mathematics	MCC Business Math 1220 (049501/049502) OR MCC Technical Math 1240 (049511/049512)	2 Math (1 per semester)	4.5 credits

*\*Proficiency with course content from Math 0910 is required before engaging with Math 1220 or Math 1240 content. Students may place out of this course based on an ACT score or pre-test score.*

### How do students register?

Students register with their school counselor when they register for their courses.

### Do these courses meet the math requirements for graduation in OPS?

Yes. Students may earn one credit per semester for MCC Business Math 1220 and MCC Technical Math 1240. These courses, however, do not meet NCAA eligibility.

### Are there any fees?

There are no fees for students. The cost of the course and dual enrollment is funded by the Peter Kiewit Foundation and other sources. The cost equivalent that is covered by the funder is approximately \$1000.

### What is dual enrollment?

Dual enrollment is a term used for courses that simultaneously earn a student credit at high school and at a partner institution such as Metropolitan Community College.

### Are all MCC Modular Math students dual enrolled?

Yes. All students that are enrolled in OPS MCC Business Math 1220 or MCC Technical Math 1240 are automatically dual enrolled with Metropolitan Community College.

### Are there any other requirements for students to enroll in MCC Modular Math?

Yes. All students that are enrolled in OPS MCC Business Math 1220 or MCC Technical Math 1240 MUST also complete an MCC dual enrollment form which includes a parent/guardian signature. Other data collection forms may also be requested.

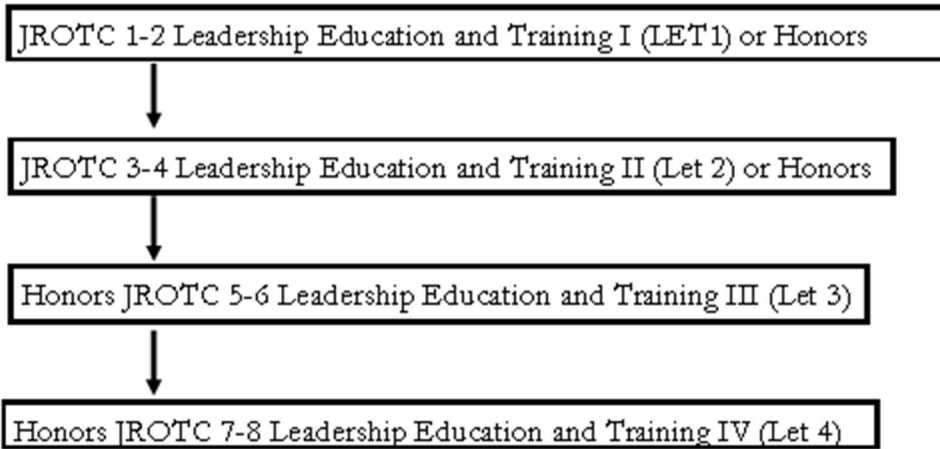
### How can students learn more about these MCC Modular Math courses and other courses offered through Metropolitan Community College?

Students can search "math" at <https://mycatalog.mccneb.edu/> to find full descriptions of the MCC Modular Math courses or choose a different search term if interested in other courses that MCC has to offer.

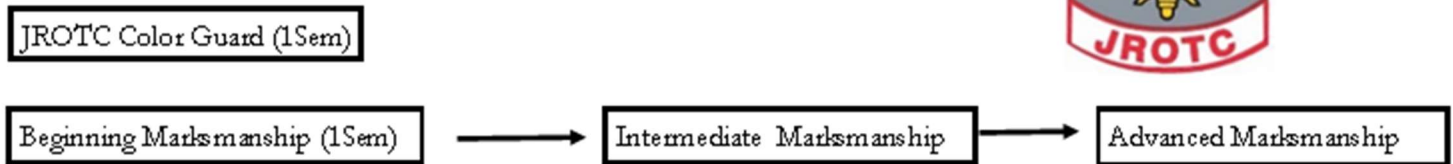


# Military Science

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



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



## 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 [Jodi.Nielsen@ops.org](mailto:Jodi.Nielsen@ops.org)

## MILITARY SCIENCE

**JROTC Mission—"To motivate young people to be better citizens."**

### JROTC Objectives:

- Educate students to succeed in high school and life beyond high school.
- Build teamwork – stress seven values through a simple acronym for leadership: (LDRSHIP) – Loyalty, Duty, Respect, Selfless service, Honor, Integrity, and Personal courage.
- Challenge students to make goals in life, to make a plan to attain those goals, and to provide direction as required so students achieve their goals.
- Provide students with leadership responsibilities and opportunities as members of the class.
- Conduct hands-on interactive learning and most importantly, have fun doing so.

### JROTC Curriculum:

- The curriculum is designed to teach high school students the value of citizenship, leadership, service to the community, personal responsibility, and a sense of accomplishment, while instilling in them self-esteem, teamwork, and self-discipline.
- The curriculum prepares 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 it provides instruction and rewarding opportunities that benefit the student and community.



**JROTC 1-2 LEADERSHIP EDUCATION AND TRAINING I (LET 1)****070811/070812****The Emerging Leader**

The JROTC program is designed to help develop strong leaders and model citizens. First year Cadets will be introduced to JROTC Foundations the mission of the program and how it helps prepare you for personal success and active citizenship. Personal Growth and Behaviors focuses on your behavioral preferences, interpersonal skills and strategies to help build your personal success in the classroom, the JROTC program, and your community. Team Building introduces you to the discipline and structure of military drill. Your individual role responding to commands and moving with precision is essential when participating in drill exercises at future competitions or community events. Decision Making introduces you to a process and system for addressing goals and handling conflict, both internal and with others. Health and Fitness looks at stress and its effect on your health. Physical fitness is one effective strategy for maintaining health and is an essential component of the JROTC program. Service Learning you will learn the features and benefits of service learning for your community, yourself, and your program. This course is also a substitute course for physical education.

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

**Notes:** 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.

**HONORS JROTC 1-2: LEADERSHIP EDUCATION AND TRAINING I (LET 1)****070641/070642****The Emerging Leader**

The JROTC program is designed to help develop strong leaders and model citizens. First year Cadets will be introduced to JROTC Foundations the mission of the program and how it helps prepare you for personal success and active citizenship. Personal Growth and Behaviors focuses on your behavioral preferences, interpersonal skills and strategies to help build your personal success in the classroom, the JROTC program, and your community. Team Building introduces you to the discipline and structure of military drill. Your individual role responding to commands and moving with precision is essential when participating in drill exercises at future competitions or community events. Decision Making introduces you to a process and system for addressing goals and handling conflict, both internal and with others. Health and Fitness looks at stress and its effect on your health. Physical fitness is one effective strategy for maintaining health and is an essential component of the JROTC program. Service Learning you will learn the features and benefits of service learning for your community, yourself, and your program. This course is also a substitute course for physical education.

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

**Notes:** 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

**JROTC 3-4 LEADERSHIP EDUCATION AND TRAINING II (LET2)****070821/070822****The Developing Leader**

The JROTC program is designed to help develop strong leaders and model citizens. As a second-year Cadet you'll continue to build on LET I knowledge and skills and find yourself being introduced to new content that will help you develop as a leader in the program, your school, and community. The new knowledge, skills, and abilities you will acquire your second year: Leadership introduces you to the elements, attributes, competencies and styles that leaders strive to use and develop within teams. You will learn to recognize the importance of leadership in setting goals and improving results. Personal Growth and Behaviors will continue to build on LET 1 competencies, while focusing on who you are and what you stand for. You'll work on strengthening communication skills essential in all walks of life. Team Building continues to build on drill and ceremony protocol. In LET 2, you will look at the attributes of a drill leader and the types of drill commands to oversee a team or squad leader. First Aid provides you with an introduction to first aid for emergencies and common injuries. As a leader, you may encounter a situation where first aid knowledge is necessary. Decision Making will expose you to the reality of bullying. You'll learn about the types of bullying and intervention strategies to help deter or prevent violence in schools. Health and Fitness is a necessary element of the JROTC program. All Cadets are required, as they are able, to participate in the Cadet Challenge physical fitness competition. You will look more closely at the elements of good health, including nutrition and what you eat, exercise, and sleep. Your choice to pursue a healthy lifestyle can be contagious to your peers and is the mark of leadership. Service Learning is a required component of the JROTC program. In Leadership Education Training (LET) 2, you will participate in service learning and evaluate its effectiveness. Citizenship and Government will encourage you to evaluate the important aspects of a democratic government and the rights of citizens, as introduced and interpreted in the U.S. Constitution. This course is also a substitute course for physical education.

**Prerequisite:** Successful completion of JROTC 1-2 (LET 1)**Duration:** 1 year**Credit:** 1 credit per semester**Grade Level:** 10, 11, 12

**Notes:** 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.

**The Developing Leader**

The JROTC program is designed to help develop strong leaders and model citizens. As a second-year Cadet you'll continue to build on LET I knowledge and skills and find yourself being introduced to new content that will help you develop as a leader in the program, your school, and community. The new knowledge, skills, and abilities you will acquire your second year: Leadership introduces you to the elements, attributes, competencies and styles that leaders strive to use and develop within teams. You will learn to recognize the importance of leadership in setting goals and improving results. Personal Growth and Behaviors will continue to build on LET 1 competencies, while focusing on who you are and what you stand for. You'll work on strengthening communication skills essential in all walks of life. Team Building continues to build on drill and ceremony protocol. In LET 2, you will look at the attributes of a drill leader and the types of drill commands to oversee a team or squad leader. First Aid provides you with an introduction to first aid for emergencies and common injuries. As a leader, you may encounter a situation where first aid knowledge is necessary. Decision Making will expose you to the reality of bullying. You'll learn about the types of bullying and intervention strategies to help deter or prevent violence in schools. Health and Fitness is a necessary element of the JROTC program. All Cadets are required, as they are able, to participate in the Cadet Challenge physical fitness competition. You will look more closely at the elements of good health, including nutrition and what you eat, exercise, and sleep. Your choice to pursue a healthy lifestyle can be contagious to your peers and is the mark of leadership. Service Learning is a required component of the JROTC program. In Leadership Education Training (LET) 2, you will participate in service learning and evaluate its effectiveness. Citizenship and Government will encourage you to evaluate the important aspects of a democratic government and the rights of citizens, as introduced and interpreted in the U.S. Constitution. This course is also a substitute course for physical education.

Prerequisite: Successful completion of JROTC 1-2 (LET 1)

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

Notes: 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.

**HONORS JROTC 5-6 LEADERSHIP EDUCATION AND TRAINING III (LET 3)****The Supervising Cadet**

The JROTC program is designed to help develop strong leaders and model citizens. As a third-year Cadet, you'll continue to build on LET I and II knowledge and skills and find yourself being introduced to new content that will help you develop your supervisory skills and abilities. The knowledge, skills, and abilities you will acquire this year: Leadership learning experiences provide you with opportunities to supervise others, make leadership decisions, and assess your own management style. You will learn to take on more responsibilities in your battalion by working on project plans and continuous improvement. Personal Growth and Behaviors will help prepare you for necessary decisions about your future education. You'll explore the education requirements of your desired career goals and research how to financially obtain them. You'll learn time management strategies, essential skills in all leaders. Team Building continues to build on drill and ceremony protocol. You will analyze the duties of a platoon leader or sergeant and focus on the skills and abilities for executing platoon drills. Decision Making will help expose you to the common stereotypes, relationship conflicts, and prejudice of our society. You'll explore strategies for neutralizing prejudice in your own relationships and how to develop negotiating strategies to help others resolve conflicts. Health and Fitness will focus on the troubling effects of drugs, tobacco, and alcohol on today's society. You'll identify substance abuse behaviors and its impact on health and learn strategies for responding appropriately to abusers. Service Learning you will move from participating and evaluating service-learning projects to playing a key role in service-learning planning and implementation. Citizenship and Government will look more deeply at the definition of a citizen and your responsibility and role as a contributing member of a strong community.

Prerequisites: JROTC 3-4, Requires instructor approval

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

Notes: 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

**The Managing Leader**

The JROTC program is designed to help develop strong leaders and model citizens. As a fourth-year Cadet, you'll continue to build on the LET I-III knowledge and skills and find yourself being introduced to new content that will help you continue to lead others in your battalion. The knowledge, skills, and abilities you will acquire your senior year: Leadership learning experiences provide you with a unique opportunity to look at the role of leadership in continuous improvement. You'll take a look at the big picture of the JROTC program and how its outcomes relate to leadership. Additionally, you'll explore strategies for teaching and mentoring others. Personal Growth and Behaviors continues to help you think and plan for your future with topics such as personal independence, the importance of personal accountability, and professional development. Team Building continues to build on drill and ceremony protocol. You will look at the tactics for motivating others and how they translate into other areas of leadership. Additionally, you'll explore the elements of a communication model and how to overcome barriers of communication. In Service Learning you will manage a service-learning project within a unit or the entire battalion. You'll be introduced to project management processes and management tools. Citizenship and Government exposes you to the challenges that face fundamental principles of society today. You will discuss topics to encourage you, as a citizen, to think about the future of citizen rights.

Leadership laboratories for the practical application of learning are a key part of the course.

**Prerequisites:** JROTC 5-6, Requires instructor approval

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

**Notes:** 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.

**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.

**Prerequisites:** Must be enrolled in a JROTC LET Course and have instructor permission.

**Duration:** 1 Semester                      **Credit:** 1 credit                      **Grade Level:** 9, 10, 11, 12

**BEGINNING MARKSMANSHIP****070781**

Detailed instruction in the art of precision rifle marksmanship and safety under the supervision of instructors certified in the Civilian Marksmanship Program and Safety Certified by U.S. Army Cadet Command. This is instruction in Olympic style marksmanship techniques and competition. Small caliber Air Rifles are used in this instruction. Students must be mature, highly motivated, dedicated, and self-disciplined. Students in this course will be expected to participate as members of the Varsity or Junior Varsity Marksmanship Teams.

**Prerequisites:** Must be enrolled in a JROTC LET Course

**Duration:** 1 Semester                      **Credit:** 1 credit                      **Grade Level:** 9, 10, 11, 12

**INTERMEDIATE MARKSMANSHIP****071051/071052**

This is a continuation of the Beginning Marksmanship Course Detailed instruction in the art of precision rifle marksmanship and safety under the supervision of instructors certified in the Civilian Marksmanship Program and Safety Certified by U.S. Army Cadet Command. This is instruction in Olympic style marksmanship techniques and competition. Small caliber Air Rifles are used in this instruction. Students must be mature, highly motivated, dedicated, and self-disciplined. Students in this course will be expected to participate as members of the Varsity or Junior Varsity Marksmanship Teams.

**Prerequisites:** Beginning Marksmanship, must be enrolled in a JROTC LET Course, and requires Instructor permission.

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

**ADVANCED MARKSMANSHIP****070790/070791**

Further individualized detailed instruction in precision rifle marksmanship techniques. The focus is on developing a precision expert marksman. This is instruction in Olympic style marksmanship techniques and competition. Small caliber Air Rifles are used in this instruction. Students must be mature, highly motivated, dedicated, and self-disciplined. Students in this course will be expected to participate as members of the Varsity or Junior Varsity Marksmanship Teams.

**Prerequisites:** Intermediate Marksmanship, must be enrolled in a JROTC LET Course, and requires Instructor permission.

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

*\*If you complete three or more years of junior ROTC, you may be able to enter the Army as an **E-3 private first class**. Those completing two or more years of post-secondary vocational-technical training, with a certificate of completion, also qualify for Army enlistment at E-3.*

# Physical Education

## OPS Graduation Requirements:

All Students Must Complete 4 Credits of Physical Education  
Other courses that satisfy P.E. required credits include: H Concert Band (Semester 1 ), H Flag Corps (2 Semesters), and H Show Choir (2 Semesters)

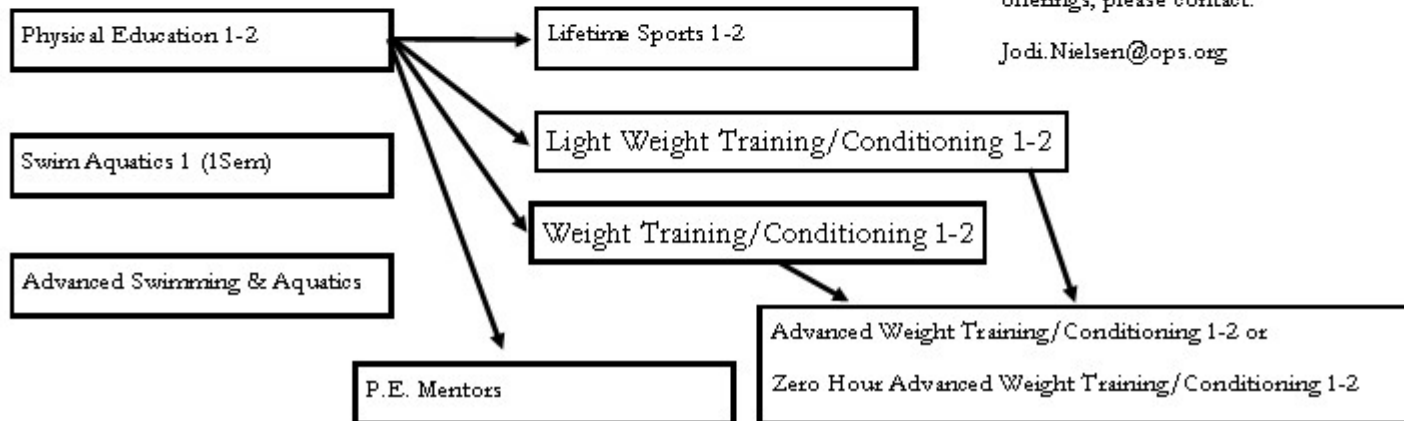
## OPS Graduation Requirements:

All Students Must Complete 16 Elective Credits

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

For questions about Physical Education offerings, please contact:

Jodi.Nielsen@ops.org



## 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 Prerequisites 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 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 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.

*Prerequisites:* 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

*Prerequisites:* None

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

*Prerequisites:* Successful completion of Physical Ed 1-2

*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

**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:* PE Teacher recommendation and successful completion of Weight Training/Conditioning 1-2 or Light Weight Training/Conditioning 1-2 with a grade of A or B, or 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 with a grade of A or B, or Teacher recommendation.

*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 with a grade of A or B, or Teacher recommendation.

*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

**P.E. MENTORS****070201/070202**

This course is designated for exceptional learners to participate in physical education with ACP students. P.E. Mentors will be responsible for assisting ACP students with their objectives individually and as a group. This course is designed for all students to improve cardiovascular fitness, muscular strength, muscular, flexibility, and body composition. Emphasis is placed on sportsmanship and developing motor skills needed for independent living for the ACP population. Student enrollment will be limited to 11<sup>th</sup> and 12<sup>th</sup> graders and will need both teacher and administrator approval.

*Prerequisites:* Special application process via School Counselor with approval of course instructors.

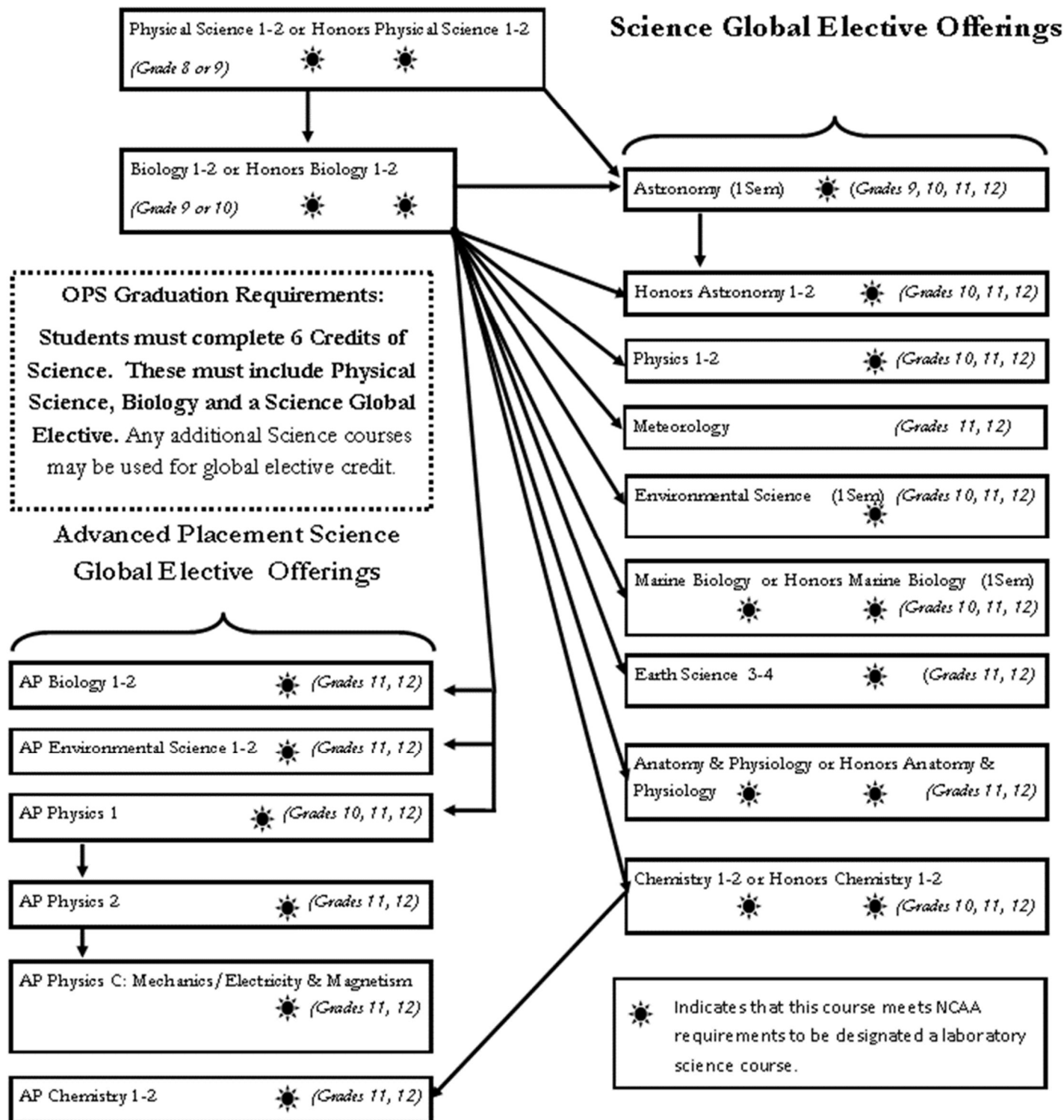
*Duration:* 1 Year      *Credit:* 1 credit per semester      *Grade Level:* 11, 12

# 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:



# SCIENCE

*^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**

**060501/060502**

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:* None

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 9

## **^HONORS PHYSICAL SCIENCE 1-2**

**060531/060532**

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. Students enrolled in honor courses have additional experiences that require a more rigorous program of study.

*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.

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 9

## **BIOLOGY 1-2**

**060411/060412**

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.

*Prerequisites:* Students should have completed both semesters of Physical Science 1-2, or concurrent enrollment.

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 10

## **^HONORS BIOLOGY 1-2**

**060431/060432**

This course engages students in inquiry-based problem solving as they investigate biological issues that are relevant to their daily lives. Topics of study include: the cell; the molecular basis of heredity; biological evolution; the interdependence of organisms; and matter, energy, and organization in living systems. This course meets the district requirement for biology. Students enrolled in honor courses have additional experiences that require a more rigorous program of study.

*Prerequisites:* Any one of the following\*: 1.) Grade of "A" in Physical Science 1 and 2 (Current 9<sup>th</sup> 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

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 9, 10

## **ASTRONOMY**

**060801**

Astronomy is a study of the objects in the night sky, their size, motions, composition, and relation to one another. Students study the Earth-moon system, diagram objects in the solar system, explore the leading theories for the origin of the universe, and outline the life cycle of a star. Students develop techniques to help them locate and identify objects through the use of a planetarium.

*Prerequisites:* None

*Duration:* 1 semester

*Credit:* 1 credit

*Grade Level:* 9, 10, 11, 12

## **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.

*Prerequisites:* 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.

*Prerequisites:* 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.

*Prerequisites:* Physical Science 1-2, Biology 1-2 (concurrent enrollment in Biology 1-2 is acceptable with teacher recommendation).

*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

**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



**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:* None

*Duration:* 1 Semester

*Credit:* 1 credit

*Grade Level:* 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

**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

**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

**+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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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

**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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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

*Credit:* 1 credit per semester

*Grade Level:* 11, 12

**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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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

**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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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

**ADVANCED PLACEMENT PHYSICS 2****061671/061672**

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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*Prerequisites:* Successful completion of AP Physics 1.

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

**ADVANCED PLACEMENT PHYSICS C: MECHANICS 1-2****061971/061972**

AP Physics C: Mechanics is a two-semester course that is equivalent to a one-semester, calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

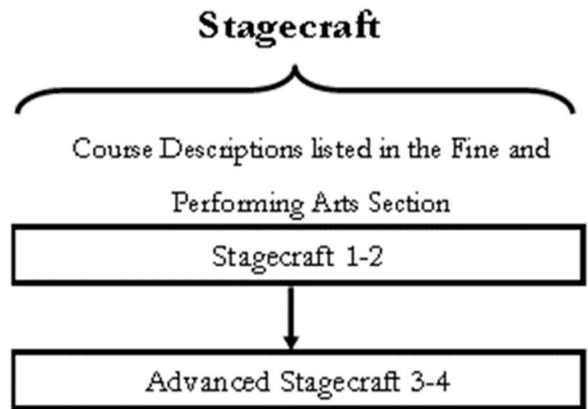
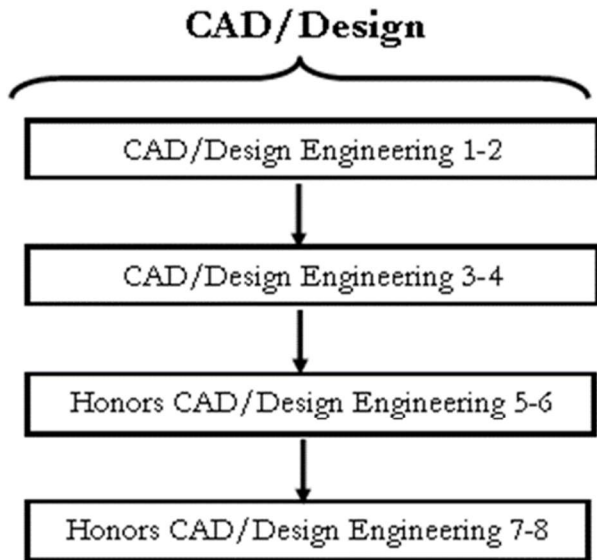
*Prerequisites:* Physical Science 1-2, Biology 1-2, Physics 1-2 or AP Physics 1, and completion of or concurrent enrollment in Calculus.

*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 Global Elective Credit.

**OPS Graduation Requirements:**  
All Students Must Complete 16 Elective Credits



For questions about Skilled and Technical Science offerings, please contact [Jodi.Nielsen@ops.org](mailto:Jodi.Nielsen@ops.org)

## SKILLED & TECHNICAL SCIENCES

*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

*Prerequisites:* 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.

*Prerequisites:* Successful completion of CAD/Design Engineering 1-2  
*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  
*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



# Social Studies

For questions about Social Studies offerings, please contact

Laura.Gaunt@ops.org

## Core Course Offerings

*All Students Must Complete These Courses*

Freshmen  
Year

U.S. History 1-2 OR Honors U.S. History 1-2

OR

AP U.S. History 1-2 Cohort  
(This Course is part of a cohort with H. Eng. 1-2)

Sophomore  
Year

Human Geography AND Intro to Economics

OR

AP Human Geography (2 Semesters) AND

\*AP Micro/Macro Economics (2 Semesters)

\* AP Econ can be deferred to Junior Year if needed

Junior Year

Modern World  
History 1-2

OR

AP World  
History 1-2

Senior Year

American  
Government

OR

AP Government: U.S.

### OPS Graduation Requirements:

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

## Elective Course Offerings

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

Honors Academic Decathlon 1-2

African American History

Native American Culture

Psychology

Honors Academic Decathlon 1-2

African American History

Native American Culture

Omaha History

Psychology

Honors Academic Decathlon 1-2

AP African American Studies

AP Art History 1-2

AP European History 1-2

AP Psychology 1-2

African American History

Native American Culture

Omaha History

Psychology

Honors Academic Decathlon 1-2

AP Art History 1-2

AP African American Studies

AP European History 1-2

AP Gov: Comparative Politics

AP Psychology 1-2

African American History

Omaha History

Native American Culture

Psychology



## SOCIAL STUDIES

*^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 Prerequisites 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.

### **UNITED STATES HISTORY 1-2**

**030901/030902**

United States History 1-2 explores United States history from the Progressive Era to present day. 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, cultures, and the elements of citizenship. Students investigate these themes using historical thinking and primary and secondary sources.

*Prerequisites:* None

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

### **HONORS UNITED STATES HISTORY 1-2**

**030911/030912**

United States History 1-2 explores United States history from the Progressive Era to present day. 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, cultures, and the elements of citizenship. Students investigate these themes using historical thinking and primary and secondary sources. Honors courses have additional opportunities for in-depth course work and application of historical thinking skills.

*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 Teaching and Learning Consultant.

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

### **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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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.

*Prerequisites:* None

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

### **+ADVANCED PLACEMENT HUMAN GEOGRAPHY 1-2**

**030191/030192**

Advanced Placement Human Geography 1-2 introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Topics are defined by the College Board and include geography, population and migration, cultural patterns and processes, political organization of space, agriculture, food production, and rural land use, industrialization and economic development, and cities and urban land use. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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****030461**

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 studied. Emphasis is given the role of the citizen in America's market structure.

*Prerequisites:* None

*Duration:* 1 semester

*Credit:* 1 credit

*Grade Level:* 10

**ADVANCED PLACEMENT MACROECONOMICS****030661**

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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum. Students taking AP Macro for Economics Graduation Requirement must also enroll in AP Microeconomics 030662.*

*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****030662**

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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum. Students taking AP Microeconomics 030661 must also enroll in AP Macroeconomics 030661.*

*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****031381/031382**

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.

*Prerequisites:* None

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 11

**+ADVANCED PLACEMENT WORLD HISTORY 1-2****030421/030422**

Advanced Placement World History 1-2 is a modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Concurrent enrollment in AP English Language and Composition is highly recommended. Students who select not to participate in the AP exam are expected to take a cumulative, AP comparable, teacher-graded end of course exam. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*Prerequisites:* AP Human Geography, or B or better in Human Geography

*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.

*Prerequisites:* 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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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**

AP Comparative Government and Politics introduces students to the rich diversity of political life outside of the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

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

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

**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.

*Prerequisites:* None

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

**NATIVE AMERICAN CULTURE** **031610**

Developed from of 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.

*Prerequisites:* None

*Duration:* 1 semester *Credit:* 1 credit *Grade Level:* 9, 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.

*Prerequisites:* 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.

*Prerequisites:* None

*Duration:* 1 semester *Credit:* 1 credit *Grade Level:* 9, 10, 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:* 9, 10, 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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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, 12

**+ADVANCED PLACEMENT ART HISTORY****110821/110822**

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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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, 12

**ADVANCED PLACEMENT PSYCHOLOGY****030641/030642**

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. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*Prerequisites:* Completion of any Honors or AP Social Studies course

*Duration:* 1 year

*Credit:* 1 credit per semester

*Grade Level:* 11, 12

**ADVANCED PLACEMENT AFRICAN AMERICAN STUDIES****033211/033212**

This course is designed to offer student an evidence-based introduction to African American Studies. The interdisciplinary course reaches into a variety of fields-literature, the arts and humanities, political science, geography and science-to explore the vital contributions and experiences of African Americans. For the 2023-24 school year, this course is being piloted and only available for schools who have been approved by the College Board to pilot.

*Prerequisites:* Completion of any Honors or AP Social Studies course

*Duration:* 1 year

*Credit:* 1 credit per semester

*Grade Level:* 10, 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. Students may also participate in 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:

**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.

**DEAF AND HARD OF HEARING PROGRAM (HI)**

This program serves students who are Deaf or Hard of Hearing. Total communication is the primary communication system used for instruction. Total communication is also often used where visual supports are paired with audio supports for instruction. Students participate in the general education curriculum, paired with self-contained electives, with the support of sign language interpreters when needed.

**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.

*Prerequisites:* 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.

*Prerequisites:* 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.

*Prerequisites:* Special Education Placement

*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.

*Prerequisites:* 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.

*Prerequisites:* Special Education (ACP) Placement  
*Duration:* 1 Year *Credit:* 1 credit per semester *Grade Level:* 10, 11

**WORK – BASED LEARNING: TRAINING** **100071/100072**

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.

*Prerequisites:* Special Education Placement  
*Duration:* 1 Year *Credit:* 2 credits per semester *Grade Level:* 10, 11, 12

**MATHEMATICS 9S 1-2** **091041/091042**  
**MATHEMATICS 10S 1-2** **091051/091052**  
**MATHEMATICS 11S 1-2** **091061/091062**  
**MATHEMATICS 12S 1-2** **091071/091072**

Students will communicate number concepts using multiple representations to reason, solve problems, and make connections within mathematics and across disciplines. This included number sense, algebra, geometry, and data. This aligns with College and Career Ready, Math, Standards including the Extended Indicators. Students participate in the Nebraska Alternate Assessment.

*Prerequisites:* Special Education (ACP) Placement  
*Duration:* 1 Year *Credit:* 1 credit per semester *Grade Level:* 9, 10, 11, 12

**SOCIAL STUDIES 9S 1-2** **091001/091002**  
**SOCIAL STUDIES 10S 1-2** **091011/091012**  
**SOCIAL STUDIES 11S 1-2** **091021/091022**  
**SOCIAL STUDIES 11S 1-2** **091031/091032**

9S- The course focuses on US History concepts. Students participate in the Nebraska Alternate Assessment.

10S- The course focuses on Human Geography and Economics concepts. Students participate in the Nebraska Alternate Assessment

11S- The course focuses on World History concepts. Students participate in the Nebraska Alternate Assessment.

12S- The course focuses on American Government concepts. Students participate in the Nebraska Alternate Assessment.

*Prerequisites:* Special Education (ACP) Placement  
*Duration:* 1 Year *Credit:* 1 credit per semester *Grade Level:* 9, 10, 11, 12

**ENGLISH 9S 1-2** **091041/091042**  
**ENGLISH 10S 1-2** **090351/090352**  
**ENGLISH 11S 1-2** **090361/090362**  
**ENGLISH 12S 1-2** **090371/090372**

Students will learn and apply reading skills and strategies to comprehend text. Students will learn and apply writing skills and strategies to communicate. This aligns with the Nebraska ELA standards with Extended Indicators. Students participate in the Nebraska Alternate Assessment.

*Prerequisites:* Special Education (ACP) Placement  
*Duration:* 1 Year *Credit:* 1 credit per semester *Grade Level:* 9, 10, 11, 12

**SCIENCE 9S 1-2** **090491/090492**  
**SCIENCE 10S 1-2** **090521/090522**  
**SCIENCE 11S 1-2** **090921/090922**  
**SCIENCE 12S 1-2** **091501/091502**

The course includes inquiry, earth and space, physical, and biology concepts. Students participate in the Nebraska Alternate Assessment.

*Prerequisites:* Special Education (ACP) Placement  
*Duration:* 1 Year *Credit:* 1 credit per semester *Grade Level:* 9, 10, 11, 12

**PERSONAL FINANCE 12S** **091638**

The course focuses on Personal Finance concepts. Students participate in the Nebraska Alternate Assessment.

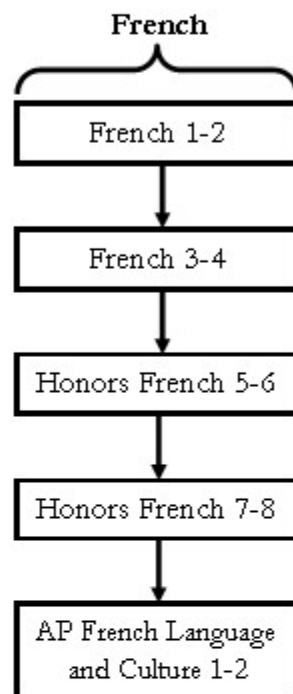
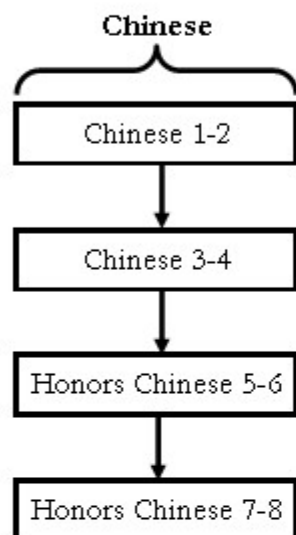
*Prerequisites:* Special Education (ACP) Placement  
*Duration:* 1 Year *Credit:* 1 credit per semester *Grade Level:* 9, 10, 11, 12

# World Languages

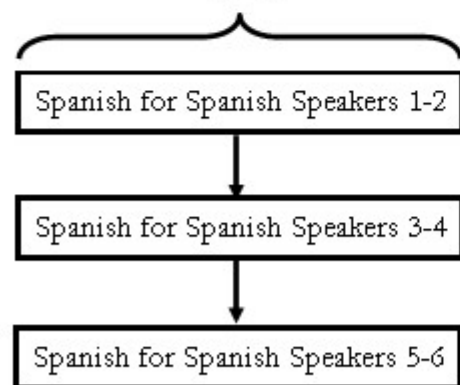
**OPS Graduation Requirements:**  
**All Students Must Complete**  
**16 Elective Credits**

**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:*

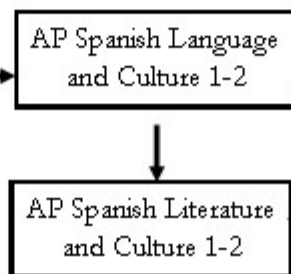
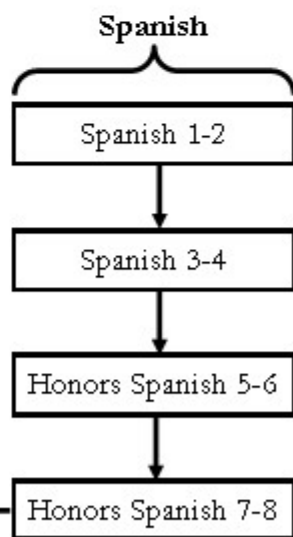


**Spanish for Spanish Speakers  
 or Heritage Speakers  
 \*Dual Language Students**



*Spanish Speaker refers to students who understand and speak some Spanish, but have limited writing or reading skills in Spanish.*

*Heritage Speaker refers to students who have grown up in a Spanish Speaking environment.*



For questions about World Language offerings, please contact [Laura.Gaunt@ops.org](mailto:Laura.Gaunt@ops.org)

# WORLD LANGUAGES

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

## **CHINESE 1-2**

**161901/161902**

## **FRENCH 1-2**

**160301/160302**

## **SPANISH 1-2**

**160501/160502**

This course in World Languages at the first-year level stresses interpretive, presentational, and interpersonal communication abilities to develop basic skills to communicate in the target language (goal to reach novice mid proficiency level). Students identify how languages support their personal and economic opportunities and how languages enhance their College or Career choice Pathway in the United States and globally. They also develop 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:* 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**

## **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 (proficiency level of Novice High). During this time, students continue to work extensively with interpretive, presentational, and interpersonal communication skills while also delving more extensively into language structure within context of themes tied to other contents and to College and Career. Students continue to develop 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 "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 SPANISH 5-6**

**160551/160552**

## **HONORS FRENCH 5-6**

**160351/160352**

This third-year level World Languages course (proficiency levels- Intermediate low and mid) emphasizes using the target 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 tied to content area themes and to careers. Students are expected to write coherent paragraphs, short stories, and outlines. Students continue to develop 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

## **HONORS CHINESE 7-8**

**161871/161872**

## **HONORS FRENCH 7-8**

**160361/160362**

## **HONORS SPANISH 7-8**

**160561/160562**

This course in World Languages at the fourth-year level will often center around discussions and reports. Students interpretive, presentational, and interpersonal communication skills become 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 tied to other content areas and careers, and literature. The study of cultures, art, music, poetry, and literature continues to be stressed. Students continue to develop 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:* 11, 12

## **AP FRENCH LANGUAGE AND CULTURE**

**160381/160382**

This 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; practices; and perspectives. *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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 SPANISH LANGUAGE AND CULTURE****160581/160582**

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). *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*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

**AP SPANISH LITERATURE****161121/161122**

The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism). *All students enrolled in an AP course are required to take either the College Board AP exam in May or an AP Alternative Assessment that has been approved by the Omaha Public Schools. Both exams are cumulative and cover the content of the AP curriculum.*

*Prerequisites:* Teacher permission.

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 10, 11, 12

**SPANISH FOR SPANISH SPEAKERS 1-2****160851/160852**

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

*Prerequisites:* 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 and/or teacher recommendation. Dual Language students who have C in 8<sup>th</sup> grade Spanish can enroll in Spanish for Spanish Speakers 3-4.

*Duration:* 1 Year

*Credit:* 1 credit per semester

*Grade Level:* 9, 10, 11, 12

**HONORS SPANISH FOR SPANISH SPEAKERS 3-4****160861/160862**

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****160871/160872**

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

**PURSING SEAL OF BILITERACY****A10000**

This course is designed for school counselors to add to a student's planner. Students pursuing the Nebraska Seal of Biliteracy will need to take 3-4 years of a language course followed by taking the AP Language Exam. The Seal can also be obtained after taking three years of Spanish for Spanish Speakers.

*Prerequisites:* None

*Duration:* 3-4 Years

*Credit:* Seal Certificate Upon Completion

*Grade Level:* 9, 10, 11, 12



# Nebraska Seal of Biliteracy



## Purpose

The Nebraska Seal of Biliteracy acknowledges a high school student achieving a high level of proficiency in English and at least one additional language.

## What

The Nebraska Seal of Biliteracy is presented as a certificate, and a seal that can be attached to a student's diploma and listed on the student's transcript.

## Why

The ability to communicate in multiple languages is an asset when applying for a job or for college admission.

## How

Submit an application online through the Nebraska Department of Education ([bit.ly/NebraskaSeal](http://bit.ly/NebraskaSeal)) – all parts of the application can be completed online.

## The Result

There is a Gold Seal and a Silver Seal – awarded according to the results of identified proficiency exams.

## 5 Steps to Apply

- 1: Check English language proficiency.
- 2: Check language proficiency other than English.
- 3: Go to [bit.ly/NebraskaSeal](http://bit.ly/NebraskaSeal) and apply.
- 4: Wait for NDE World Language to verify materials.
- 5: Get the Seal and be marked on your transcript.

Visit Nebraska Seal of Biliteracy Assessment Requirements for more information. ([bit.ly/NESealrequirements](http://bit.ly/NESealrequirements))

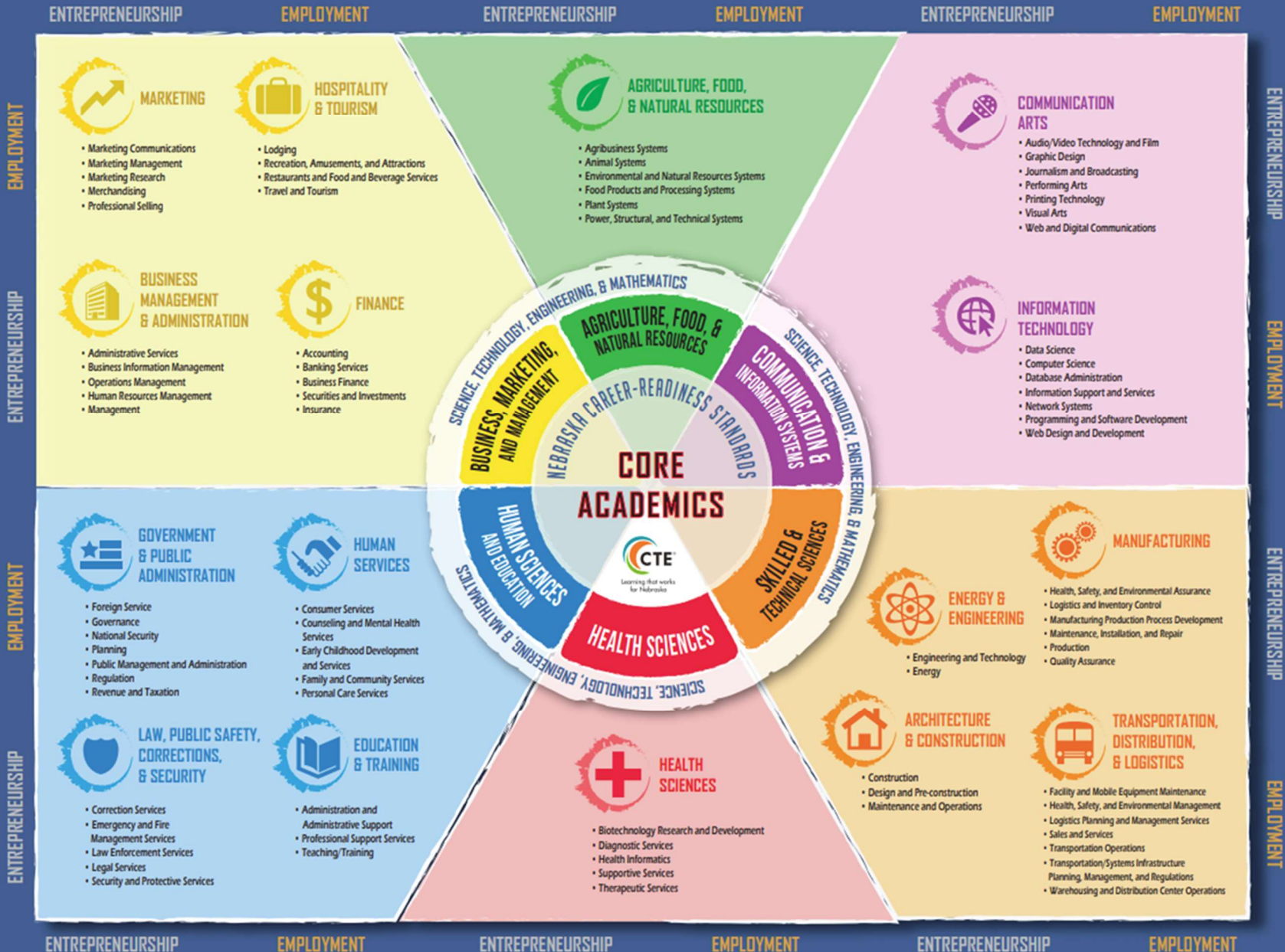
If you have any questions,

please contact your World Languages Teacher for more information.





# NEBRASKA CAREER & TECHNICAL EDUCATION MODEL





# THE PATHWAYS *of* The Career Center

**ALL Students can APPLY!**

- Hands-on Learning
- FUN & Friendly
- Field Trips / Job Shadows
- Paid Internships/ Apprenticeships
- Critical Employability Skills
- Earn Industry Certifications
- Access to Early College Credit
- Network with Employers
- Bus Transportation provided



Applications will be emailed to all students!  
Career Center Application 23-24.... [Dec 2022](#)

**Connecting Today's Students  
With Tomorrow's Careers**

23-24 Enrollment



SCAN TO APPLY NOW

# 11 Pathways



In High Wage, High Skill, & High Demand Careers



THE PATHWAYS of  
The Career  
Center

## Automotive Technology

(10,11,12) 2 Credits/Semester

- 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

(10,11,12) 2 Credits/Semester

- 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

(10,11,12) 2 Credits/Semester

- 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

(10,11,12) 2 Credits/Semester

- 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

(10,11,12) 2 Credits/Semester

- 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.

## Certified Nursing Assistant

(Must be 16 by course completion)

(11,12) 2 Credits/Semester

- 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

## Emergency Medical Technician

(Must be 18 by course completion)

(12) 2 Credits/Semester

- 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.

## Information Support & Networking

(10,11,12) 2 Credits/Semester

- Prepare for a career in the diverse field of information technology.
- Earn CompTIA A+, Network+ & Security + Certifications
- Troubleshoot, diagnose and repair personal computers, networks and security apparatus.

## Digital Video Production

(10,11,12) 2 Credits/Semester

- Operate specialized equipment to create professional video and film productions.
- Showcase skills in multiple video, film, and broadcast news competitions.

## UNMC High School Alliance

(11, 12) 2 Credits/Semester

- Experience unique and innovative science classes that are taught in partnership by UNMC faculty and certified high school teacher on the UNMC campus.

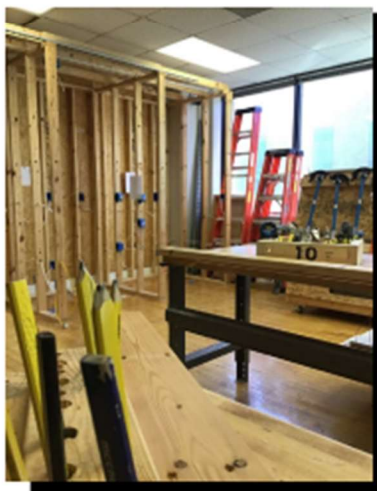
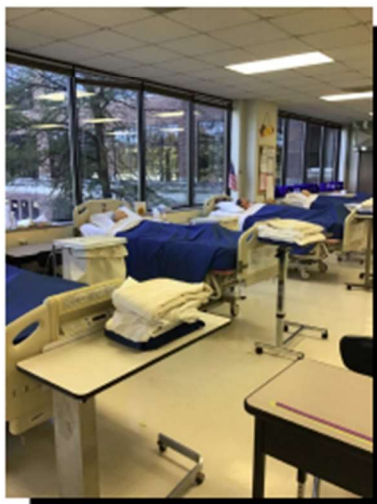
Access UNMC High School Alliance Application at  
<https://www.unmc.edu/alliance/>

## Zoo Academy

(11, 12) 2 Credits/Semester

- Experience unique and innovative science classes that are taught in partnership by certified high school teachers on the Henry Doorly Zoo campus. (Nov. 2020 due date)

Access Zoo Academy Application at  
<https://www.omahazoo.com/zoacademy>



*“People are so friendly here,  
that’s so different” & “Best part  
of my day”– 2022 students*





## Dual Enrollment Program

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

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

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

Dual Enrollment is currently offered in Omaha Public Schools through two primary programs:

- 1) **Gifted and Talented Education (GATE)**
  - a. **Advanced Placement (AP)**
- 2) **Career Education (CE).**
  - a. **Connected to a Pathway or Academy plan of study**

### Dual Enrollment Benefits

**Reduced Tuition Cost.** Students and families will fill out the Educational Benefits Form (EBF) each school year to determine if they qualify for FREE dual enrollment tuition through the Access College Early (ACE) scholarship program authorized by the Nebraska State Legislature.

**MCC:** \$50 per course. Tuition and Fees waived for 23-24 school year.

**UNO:** \$250 per course. Tuition and Fees will be paid by Omaha Public Schools for students after Access College Early (ACE) Scholarship has been awarded. Students and families must apply for EBF, apply for ACE, and be denied benefits to access Omaha Public Schools funding support for 23-24 school year.

**Midland University:** \$250 per course. Tuition and Fees will be covered by Omaha Public Schools for students after Access College Early (ACE) Scholarship has been awarded. Students and families must apply for EBF, apply for ACE, and be denied benefits to access Omaha Public Schools funding support for 23-24 school year. \*Tuition and fees are determined by the postsecondary institution.

Omaha Public Schools provides the textbook and all course materials necessary for completion of the dual enrollment course. Tuition payment is the responsibility of the student. If a student qualifies for federal needs-based programs, determined through EBF, they may be eligible for FREE tuition. The ACE scholarship program pays mandatory tuition fees for qualified high school students to enroll in dual enrollment courses. The basic criteria for high school students to qualify for the ACE scholarship is their eligibility status to receive assistance under a variety of federal programs and determined by the Educational Benefits Form. Students must work with a building official or counselor to complete the online ACE application. More information on ACE can be found at <http://ccpe.state.ne.us/publicdoc/ccpe/Financial%20Aid/ACE/>

**Credits Transfer.** Students begin creating an official college transcript with participation in a dual enrollment course. College institutions determine the transferability of credit, but typically credits transfer as follows:

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

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

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

## 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/Academic Director, or Principal.**

A student or parent with a course placement appeal may first discuss the matter with the counselor or Assistant Principal-Academic Director, with the object of resolving the matter informally.

### **Level Two: Chief Academic Officer (Department of Curriculum and Instruction Support)**

If, after appealing to level one and an individual still wishes to pursue the appeal, he/she may formalize the request in writing addressed to the Chief Academic Officer of Curriculum Instruction and Support at 3215 Cuming Street, Omaha, NE 68131.

### **Level Three: Superintendent**

If, after receiving a written response from the Chief Academic Officer of Curriculum Instruction and Support and an individual still wishes to pursue the appeal, he/she may formalize the request to the Superintendent of Schools

These steps shall be taken promptly to accommodate course selections for the school year in question.

## 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

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Enrichment

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[@OPS\\_Burke](https://twitter.com/OPS_Burke)



<https://www.facebook.com/OPSBurkeHigh/>

