

## Intro Page

# Orting High School

We encourage you to think carefully about your choices before making your final course selections for the 2019-20 school year. The choices you make now may affect your future options, as well as your overall satisfaction with school. Discuss your decisions with family and create a challenging schedule that will meet your academic goals and explore career pathways!

This catalog contains the information you need to know about our class offerings and the scheduling process. If you have any questions along the way, please seek advice from one of the OHS staff who are happy to assist you. The Orting High School course catalog is designed to assist you as you plan a four-year secondary school course of study. It includes the requirements for high school graduation as established by the Washington State Board of Education and the Orting School District Board of Directors. In addition, it includes many other courses for students to consider as they identify preliminary college and career interests and aspirations.

Parents and Guardians, please work closely with your student in the initial course selections and the annual review of the four-year plan. Course choices can significantly influence options students have after high school. It is important to carefully review all graduation requirements and post-secondary entrance requirements prior to making course decisions.

Please let us know how we may assist you in making these important decisions about your course of study.

<p><b>Administration Staff</b></p> <p><b>Principal</b> Cliff Fries</p> <p><b>Assistant Principal</b> Matt Carlson</p> <p><b>Athletic Director/Dean of Students</b> Marty Parkhurst</p>	<p><b>Counseling Staff</b></p> <p><b>Counselors</b> Shelly Smith A-K Leon Matz L-Z Penny Nelson, Graduation Specialist</p> <p><b>Registrar</b> Kim Strassburg</p>
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The Orting School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions and complaints of alleged discrimination: Debi Christensen, Title IX Coordinator & Civil Rights Coordinator, 360-893-6500 x243, christensend@orting.wednet.edu; Chris Willis, Section 504 Coordinator, 360-893-6500 x233 willisc@orting.wednet.edu, 121 Whitesell Street NE, Orting, WA 98360.

## “Getting to **ALL** by focusing on **EACH**”

[www.ortingschools.org](http://www.ortingschools.org)

## Graduation Requirements

### Graduation Requirements

#### Credits

Successful completion of a one semester course earns half (.5) of a credit. Some course requirements may be completed by courses cross-credited through departments other than those listed. Students are required to attempt and pass **24 credits** in order to graduate.

### Class of 2020-2023

<u>English</u>	<u>*Social Studies</u>	<u>Science</u>	<u>Math</u>	<u>Health &amp; Fitness</u>
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4 Credits	3 Credits	3 Credits	3 Credits	1.5 Credits
English 9		Physical Science	Integrated Math I or Intensive Integrated	9 <sup>th</sup> grade PE (0.5) Health (0.5) (Required)
English 10	World History or AP World History or	Biology or AP Biology	Integrated Math II	PE Elective (1.0 credit) to be taken grade 10-12
English 11 or AP Language	US History or AP US History	3 <sup>rd</sup> Year Science (1.0 credit) to be taken grade 11-12	Integrated Math III or 3 <sup>rd</sup> year Math	
English 12 or AP Literature	CWP or AP Government		4th year of Math is highly recommended for all students	

<b><u>World Language</u></b> 2 Credits (9-12) *HSBP	<b><u>Fine Arts</u></b> 2 Credits (9-12) 1 credit required - 1 credit **HSBP	<b><u>Career and Tech. Education</u></b> 1 Credit (9-12)	<b><u>General Elective</u></b> 4 Credits (9-12)
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\* Washington State History is required for graduation. If taken in 7th/8th grade and passed, this meets the State requirement. If a student did not take and pass a WSH course, they will be given an alternative option to meet this requirement during High School.

\*\*High School and Beyond Plan (HSBP) of individual student may alter this requirement: Please see your school counselor.

Students must complete all requirements for graduation prior to participating in graduation ceremonies. An Orting High School diploma will only be awarded to students who have the following requirements:

- Earn 24 credits in required areas
- Complete a High School and Beyond Plan
- Complete a Graduation Pathway.

## Graduation Pathways

In 2019, the Washington State Legislature provided students with multiple pathways to graduation by passing [House Bill \(HB\) 1599](#). HB 1599 expands the ways Washington students show their readiness for their next step after high school. Building off a robust plan (High School and Beyond Plan) and quality instruction across core academic areas, completing a [graduation pathway](#) helps prepare students for what comes after high school graduation. It also signals to employers and postsecondary education/training institutions a student’s readiness for that step. For more information about graduation pathway requirements click [here](#).

### Pathway to Graduation Minimum Requirement

Complete sequence of CTE courses which includes the potential to earn college credit or earn an industry recognized credential	Must complete 2.0 CTE credits in the same program area (Family Consumer Science, STEM, Agriculture, Skilled & Technical Sciences, Health Sciences)
ASVAB Score	Must meet minimum entrance score for any branch of the armed services
Smarter Balanced HS Assessment or WA-AIM (ELA and/or	Must meet minimum cutoff scores for SBA in English and

math)	Math
SAT or ACT scores on ELA and/or math sections	Must meet minimum cutoff scores for SAT or ACT
Earn College Credit in ELA and/or math	Must earn High School credit for a Dual Credit College articulated course
AP Courses or Exams in ELA and/or math	Must earn a C+ or higher in the course or score a 3 or Higher on the exam
Combination of ELA and math option from any of the General Postsecondary Education Pathways	Can use a minimum from any area listed above for Math and/or English

## Credit Recovery

### Credit Retrieval Options

Orting High School uses on-line curriculum in conjunction with a certificated staff member to support students in need of credit retrieval. This program is essential for students who have failed one or more classes and are in jeopardy of not graduating on time with their class. OHS has credit recovery after school, during the school day and during the summer. Consult with your guidance counselor as to which option may be best for you.

Students can obtain credit retrieval registration forms for Summer School in the counseling center and must have a parent and counselor signature in order to submit payment for retrieval. Credits may be retrieved at a cost of \$75 per session; less if student qualifies for free/reduced lunch. Students are expected to complete their credit recovery courses within a 3-week timeline. Interested students can see their school counselor for more information.

**This program is not for students who want to attain credit in advance (credit attainment), but is solely for retrieval of lost credit.**

## Post High School Entrance Considerations

**APPRENTICESHIP REQUIREMENTS** Students interested in entering this formal training for a specific occupation must be at least 18 years old and have a high school diploma. They must complete an application form, go through an interview process, and pass a skills test.

**MILITARY REQUIREMENTS** Students who earn a high school diploma, meet the minimum score on the Armed Service Vocational Aptitude Battery (ASVAB), and are at least 17 years of age qualify for military entrance requirements. It is also recommended that applicants be in good physical condition.

**COMMUNITY AND TECHNICAL COLLEGE REQUIREMENTS** Students who satisfy Orting High School graduation requirements are eligible for admission to two-year colleges. Students interested in this type of institution should meet with their school counselor to discuss appropriate courses.

**FOUR-YEAR COLLEGE/UNIVERSITY REQUIREMENTS COLLEGE ACADEMIC DISTRIBUTION REQUIREMENTS (CADR)** CADR reflect the minimum number of credits required in six subject areas (see below) that students must earn to be eligible for routine admission consideration by four-year public baccalaureate institutions.

### College Academic Distribution Requirements, by Subject Area

- English 4 credits
- \*Lab Science 2 credits
- \*\*\*\*Arts 1 credit
- Math 3 credits to include Algebra II or Integrated Math III
- \*\*\* Social Science/Humanities 3 credits
- \*\*World Language 2 credits, two consecutive years/same language
- %Senior year math-based quantitative course 1 credit
- Total: **16 credits**

Students are encouraged to take a minimum of three credits of CADR courses each year of high school, including senior year. Students who are unable to complete three CADRs as high school freshmen (grade 9) will be considered for admission provided they meet all other state and institutional admission requirements. Students must take a minimum of 3 credits of CADR courses in grades 10-12.

% Mathematics – Senior Year: During the senior year of high school, students must earn a credit in a math-based quantitative course, e.g. AP Calculus, Pre-Calculus, Statistics, Applied Math, or appropriate career and technical courses. An algebra-based science course (Physics, Chemistry, AP Computer Science) taken during the senior year also would satisfy this requirement and part of the science requirement below. Note: The senior-year math requirement does not mean a 4th credit of math is required, nor does it require a higher level of math. The intent of this requirement is for seniors to take meaningful math.

\* One credit must be in an algebra-based science course as determined by the school district. One credit must be in biology, chemistry, or physics (this course may also meet the algebra-based requirement). Note: Western Washington University specifies that the algebra-based science course be chemistry or physics.

\*\*World Languages – 2 credits of the same World Language, Native American language, or American Sign Language.

\*\*\*Social Science – 3 credits (history or other social sciences)

\*\*\*\*Arts – 1 credit of fine, visual, or performing arts – or 1 additional credit in other CADR subject areas. Note: The University of Washington and Western Washington University specify one-half credit in fine, visual or performing arts; the other half may be in the arts or in an academic elective.

Students should consult with their local high school counselor to obtain complete information about minimum college admission standards and to be aware of which courses at their high school meet CADR guidelines, as determined by the local school district. Students are recommended to take additional CADR courses beyond the minimum requirements in order to enhance their college admissions resume.

## Running Start Information

Running Start is a program designed to give students at *junior* or *senior status* an opportunity to attend a 2-year or technical college while still in high school. Tuition is free, but ***there are fees and textbook costs***. Further, Students ***must provide their own transportation*** to their selected college or technical program.

Students must meet necessary criteria (testing, age limitations, earned high school credit, etc.) before being accepting into a running start program.

All incoming running start students and parents must attend the annual ***OHS mandatory running start meeting*** (usually held in March), read the ***OHS Running Start Handbook***, and ***sign and date*** the running start ***participation agreement form***.

**If your student is on free or reduced lunches, they may be eligible for few waivers. See your counselor for more information.**

New and incoming running start students must agree to join the running start Remind app.

To download the OHS Running Start Handbook click [here](#).

## College in the High School

A **College in the High School (CHS)** program is a dual credit program in which a **college approved** eligible **high school teacher** offers a **college course on a high school campus** or in a high school environment, and in which eligible students are given the opportunity to earn high school credit to be awarded by a district, and college credit awarded by the participating institution of higher education. Unlike AP or Running Start credits, these credits are 100% transferable to universities and colleges across the nation and internationally.

Students who take advantage of this opportunity and qualify will be officially enrolled at CWU or EWU depending on the course. Successful completion of the course at OHS will result in your student gaining a college transcript, and it will bypass all admission requirements for CWU/EWU, if they receive a B or better. They are already CWU/EWU students. They are also granted a \$500 scholarship if they receive a B or better in the course. The credit will cost \$280 per course.

OHS currently offers **CHS** in math classes through **Central Washington University**. Students in selected math classes (Pre Calculus, AP Calculus and College Ready Algebra II) are invited to participate. Students must take and pass the Accuplacer college placement exam. Cut scores are determined by courses. See your students' math teacher about Accuplacer scoring. OHS CHS math classes are offered by semester, therefore allowing the opportunity for students to earn college credit at the end of each semester.

**There are tuition costs for CHS.** For Central Washington University, the cost per semester is \$265. For Eastern Washington University, the cost per semester is TBD. Students/parents and guardians are responsible for these costs. If a student **fails the class**, they are **still responsible for tuition**.

#### Benefits of CHS include:

- Opportunity to earn college credits while remaining at the high school
- Parents/guardians can view grades
- Central Washington University will not charge an application fee for students who earn a B or better in their CHS classes.

See the FAQs from [OSPI CHS program](#)

## Advanced Placement Program

### Advanced Placement Program

The Advanced Placement (AP) program, vetted by the College Board, exposes high school students to college-level materials and offers an exam each May, which may qualify for credit or course waiver at colleges. Students earning a 3 or better on AP exams may earn college credit, placement, or a waiver of required courses at many colleges. Students should check with prospective colleges as to how AP is credited, since college rules vary. Advanced Placement courses require more homework and are more challenging to students. High levels of student independence, time management and follow through are required for students to be successful in AP courses. Students should consider carefully before enrolling in an AP course. AP offerings are offered based on student choice and staff availability. Some courses may not be offered during an academic year.

#### Parent/Student Commitment Agreement for AP classes

Students who request AP courses will be required to sign a contract that they understand the course consists of a rigorous curriculum, summer homework and an AP exam at the end of the course. Because of Orting High School master schedule implications with regard to staffing and materials/trainings, students are expected to remain in the class for the entire year. Parents and students should recognize enrollment in AP courses requires the school to construct a Master Schedule guaranteeing access to these courses. Because of this, students will not be allowed to drop AP courses during the academic year.

#### Course Name Grade Level

AP Biology	10-12
AP Environmental Science	9-12
AP Computer Science Principles	9-12
AP Computer Programming A	10-12
AP Calculus	11-12
AP Statistics	11-12
AP Human Geography	9-12
AP World History	10-12
AP United States History	11-12

AP Government	12
AP Language Arts	11
AP Literature	12
AP Art	11-12

## Special Programs and Considerations

**Special Education** A student with an IEP may be required to take Special Education classes as determined by his or her IEP team. Classes are offered in Reading, Writing, Math, and Life Skills. OHS Case Managers work closely with our counseling and administrative teams to determine placement in courses. Contact your case manager for details or questions with regard to the registration process for students with an IEP.

### Homeschool or other Special Program Considerations

Students enrolling in High School from Homeschool or other alternative/special programs will need to consult OHS administration for determination of awarding credits. School Board Policy related to Graduation Requirements can be found [here](#). Search for Policy 2410P.

## Testing Information

**PSAT/NMSQT:** (October) Taking this test is the first step necessary to enter the scholarship programs administered by the National Merit Scholarship Corporation. This test may also be helpful in securing other scholarships or financial aid from the colleges to which you apply. In addition, this test will show students their academic strengths and weaknesses. The test may be taken as a practice or warm up for the SAT. The manner of reporting scores also makes it possible for the students to predict their scores on the SAT with reasonable accuracy. SAT test preparation classes and materials/software for interested students are sometimes available at individual high schools.

**PRE-ACT:** (December) The pre-ACT is a practice college entrance exam designed to give students feedback on their academic skills prior to the 11th grade year. All 10th grade students are offered the pre-ACT free of charge at OHS and typically this exam is given in December at OHS during the school day. Score reports are given and interpreted to students by the OHS counseling team. Parents who want more information about their students score can click [here](#), or contact their students school counselor.

**SMARTER BALANCED ASSESSMENT:** (May) The Smarter Balanced Assessment is given to 10th grade students in May. This test assesses competency in High School Math and English Language Arts. Students who successfully pass these tests meet one of the Washington State Graduation Pathway requirements.

**WASHINGTON COMPREHENSIVE ASSESSMENT OF SCIENCE:** (May) The Washington Comprehensive Assessment of Science is given to 11th grade students in May. This test assesses competency in High School Science standards.

**4 YEAR UNIVERSITY/COLLEGE ENTRANCE TESTS:** Either the SAT or the ACT is required for entrance to private and state supported four-year colleges and universities in the state of Washington. ACT and SAT scores may also be required for some scholarship applications. We encourage students to take the SAT/ACT in the spring of their Junior year.

**SAT** (Junior or Senior year, various dates and test sites). The SAT has two sections: Critical Reading and Mathematics. There are also optional SAT II subject tests for specific courses. Students must check entrance requirements for their college of choice to determine which subject tests are required for admission. Students may register online at [www.collegeboard.com](http://www.collegeboard.com). Some fee waivers are available for students with free or reduced lunch.

**ACT** (American College Test, junior or senior year, various dates and test sites). The ACT has four sections: English, Reading, Mathematics, and Science. There is also an optional Writing test. Students may register online at [www.act.org](http://www.act.org). Fee waivers may be available for students with free or reduced lunch.

**ASVAB** (Armed Services Vocational Aptitude Battery). Orting High School administers this exam free of charge each year to all 11th and 12th grade students that would like to take it. Students receive information about their academic aptitude and career interests. The test is only required for students interested in enlisting in the military.

**AP TESTS** (Advanced Placement) are given in May and administered at the high school. Students are strongly encouraged to take the AP exam for their corresponding course. These tests are administered to students enrolled in an advanced placement course. The cost for each AP exam is \$91.00 (subject to change) and fee reductions are available to qualified

students (see your counselor for details). When a student achieves scores on the Advanced Placement tests which meet the minimums set by individual colleges and universities, the student may receive one or more of the following benefits:

Exemption by a college or university for beginning courses. Academic college credit in subjects in which the exam is taken. Eligibility for honors and other special programs.

**ACCUPLACER** Is the exam that most community and technical colleges use for English and Math placement. This is a requirement for Running Start admission and taken at the local community college. This exam is also used to determine eligibility for college credit through our College in the High School courses.

## Post High School Athletics Information

### COLLEGE NCAA Eligibility

Students interested in college athletics should consult with the NCAA clearing house to ensure that all NCAA requirements are met. Consult [www.ncaa.org](http://www.ncaa.org) for more information. Students interested in participating in collegiate athletics must consult with their school counselor.

#### What is the NCAA Eligibility Center?

The NCAA Eligibility Center determines whether prospective college athletes are eligible to play sports at NCAA Division I or Division II institutions. It does this by reviewing the student athlete's academic record, SAT or ACT scores, and amateur status to ensure conformity with NCAA rules. Student athletes must register by the spring of their sixth (6) semester or eleventh grade year with the NCAA Eligibility Center and cleared to be eligible to play NCAA Division I or Division II sports in college and receive athletic aid. Athletes competing at the NCAA Division III, NAIA, college levels do not have to register until 2015; the process itself is a great tool to insure your student/athlete is on track.

#### What are the NCAA academic eligibility requirements?

To play sports at a NCAA Division I or Division II institution, the student must:

- Complete the required number of high school "Core" courses (defined below)
- Earn the required minimum grade point average in these core courses
- Earn the required minimum score on the SAT or ACT (for Division I, this is scaled according to the student's GPA in their "Core" courses, at Division II; it's a cut score of 880).

#### National Association of Intercollegiate Athletic

NCAA schools are not the only option – depending on the sport there are also potential opportunities at the junior college level and at the NAIA level. Those schools have adopted Division II guidelines and requirements. The minimum core GPA must be 2.30 GPA and students must have 10 of the 16 core credits before the start of seventh (7) semester or senior year.

#### How high school courses are classified as core courses?

High schools submit their list of the courses that they offer that meet NCAA core-course criteria. If approved, the courses are added to a database that the NCAA Eligibility Center maintains which is called the "List of Approved Courses (or 48H)". You can view a list of approved core courses on the High School Administration page or pick up a hard copy in the counseling center to see whether your student athletes are enrolled in courses that will count toward NCAA eligibility.

## Registration Policies

### GRADE POINT COMPUTATION

<u>Marking System</u>	<u>Point Value</u>
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7

D+	1.3
D	1.0
F	0.0

Credit/No (NC) Credit, Satisfactory/Unsatisfactory (S/U) and Pass (P) marks are excluded from the calculation of grade point average. GPA is based on the average of final grades each semester in the subjects taken.

#### REPEATING COURSE POLICY

Students who earn a final semester grade of "F" in a required core (English, History, Math, and Science) course for graduation must repeat the required course at some point during their high school career. Upon completion of a make-up credit for a required course, the student's original "F" will remain on the transcript, and is not calculated into the Grade Point Average (GPA). The passing grade from the make-up credit will be used to calculate into the GPA. Students who earn a final semester grade of "D" or "F" in elective Math or World Language courses may repeat one or both semesters with counselor and instructor permission. If the student earns credit for the class by receiving a "D" or higher, credit of the lower grade will be coded as general elective credit. However, the highest grade will be used to calculate GPA upon the student's request.

#### VALEDICTORIAN/SALUTATORIAN SELECTION PROCESS

The title of valedictorian/salutatorian for Orting Senior High is awarded to the graduating seniors who have earned the highest cumulative grade point average in a course load of the highest rigor. The valedictorian/salutatorian will be selected using a point system based on a district approved criteria.

#### SCHEDULING PRIORITIES

Each student should keep in mind the following priorities:

- 1. Graduation Requirements** Orting High School's graduation requirements insure that each student will attain a certain level of development and complete a well-rounded program.
- 2. High School and Beyond Plan** Very few high school students know exactly what they intend to do after graduation. In fact, interests and plans often change with experience and education. It is important, therefore, to take courses that lay a foundation for transitioning to one of many post-secondary options. These after-high school opportunities may include apprenticeship, community college, four-year college/university, military, technical college, work/on-the-job training, or a combination of them.
- 3. Career Clusters** Career Clusters provide students with a context for studying traditional academics and learning the skills specific to a career. Based on a student's interest, the career clusters help students make wise course selection, generate possible post-secondary options, and explore occupations. Our sixteen Career Clusters are Agriculture, Food and Natural Resources; Architecture and Construction; Arts, Audio-Video Technology and Communications; Business, Management and Administration; Education and Training; Finance; Government and Public Administration; Health Science; Hospitality and Tourism; Human Services; Information Technology; Law, Public Safety, Corrections and Security; Manufacturing; Marketing; Science, Technology, Engineering and Mathematics; Transportation, Distribution and Logistics. Selecting a Cluster provides the student with an area of FOCUS, along with FLEXIBILITY and a VARIETY of ideas to pursue. Follow this link [for more information](#).
- 4. Interest and Abilities** Students should be realistic about their ability level and interests and should choose courses which are challenging, rewarding, and motivating. Students are encouraged to enroll in special elective courses. Success indicators are included with some course descriptions to help students make informed decisions. Parents, teachers, and counselors can offer individual assistance to better understand one's interests and abilities in relation to course selections.

#### **Schedule Change Policy**

We encourage students at registration to make thoughtful decisions regarding graduation requirements and career goals that align with being college and career ready, and then commit to those decisions. We encourage students to consider carefully the courses they choose because teachers and classes are determined based on course selections of individual students from the previous spring. Therefore, students who receive the courses they request will not be allowed a schedule change.

Administration reserves the right to change schedules to balance class sizes. Students are expected to choose classes carefully. Students who enroll in courses are considered to have made a commitment for the duration of that course. Students are expected to put in the time and effort needed including meeting with the teacher for help outside school time

and possibly receiving assistance from a tutor. Changes to schedules will be made on a very limited basis. A student may not add a class for credit or drop a class after the fifth day of each semester.

### **Adding/Dropping a Class**

Student class change requests that are approved after the fourth week of a semester will result in an "F" grade on the transcript. Students whose courses are changed after the fourth week, due to administrative action will be designated by a "W" on the transcript.

**\*\*Important:** If a student withdraws from Orting High School prior to the end of a semester, only withdrawal grades are issued. Course Credit is applied/awarded by the receiving school district, not Orting, and solely up to their discretion.

### **Removal from a Class**

Schedule corrections will be made for the following reason:

- Incomplete schedule
- Senior needing a class for graduation
- Student does not meet the pre-requisite for the class
- Errors made during data input
- School placement in course student did not request

### **Procedure to change course selection:**

- Complete a schedule change form (available in the Counseling Office)  
Return form to the Counseling Office. The request will be reviewed by the Counseling team and the student will be contacted with a reply
- Changes on days 1-5 will require parent permission on the change of class form
- Changes on days 6-11 will require counselor permission
- Changes after day 11 will require administrative approval

## **Career and Technical Education Credit Equivalency**

Students who take CTE-equivalent courses may satisfy two graduation requirements while earning one credit for a single course. The purpose of this policy is to create flexibility for students to choose more elective courses or to address other graduation requirements. Orting High School is pleased to offer many opportunities for students to satisfy two graduation requirements with a CTE equivalent course. The courses listed below receive only one (.5) credit per semester, but satisfy two graduation requirements with that .5 credit:

**(S)** = Semester Course, **(Y)** = Year Long Course

- Digital Photography I, II and III – Fine Art and Career/Technical Education (S)
- Annual – Fine Art and Career/Technical Education (Y)
- American Sign Language I – World Language and Career/Technical Education (Y)
- Economics – Social Studies and Career/Technical Education (S)
- Sports Medicine I – Health and Career/Technical Education (Y)
- Introduction to Medical Careers – Health and Career/Technical Education (S)
- Nutrition and Wellness – Health and Career/Technical Education (S)
- Anatomy and Physiology – Health or Science and Career/Technical Education (S)
- Introduction to Biotechnology – Science and Career/Technical Education (Y)
- STEM I, II – Science and Career/Technical Education (S)
- STEM III – Science and Career/Technical Education (Y)
- Horticulture I – Science and Career/Technical Education (Y)
- Greenhouse Management – Science and Career/Technical Education (Y)
- AP Environmental Science – Science and Career/Technical Education (Y)
- Financial Algebra – 3rd year math and Career/Technical Education (Y)
- AP Computer Science Principles – Science and Career/Technical Education (Y)
- AP Computer Science A Programming – Science and Career/Technical Education (Y)
- Biology (Natural Resources) – Science and Career/Technical Education (Y)
- Anytime Fitness - PE and Career/Technical Education (S)
- Electronic Music Production I and II- Fine Arts and Career/Technical Education (S)

## Career and Technical Education Program Areas

To see a list of Career and Technical Education courses by CTE program area click here:

[CTE Program Areas](#)

The Orting School District does not discriminate on the basis of sex, race, color, national origin, disability, or age in its program or activities and provides equal access to the Boy Scouts and other designated youth groups. The Orting School District offers classes in many career and technical education program areas such as Robotics, Horticulture, Sports Medicine, American Sign Language, Culinary Arts, Computer Science, Digital Photography, and Digi Pen under its open admissions policy. For more information about CTE course offerings and admissions criteria, contact Matt Carlson, Orting High School Assistant Principal at (360) 893-2246 or [carlsonm@orting.wednet.edu](mailto:carlsonm@orting.wednet.edu). Lack of English language proficiency will not be a barrier to admission and participation in career and technical education programs. The following people have been designated to handle inquiries regarding the nondiscrimination policies:

Christopher Willis, Executive Director for Special Services and Intervention  
 Section 504 Coordinator  
 121 Whitesell St NE  
 Orting, WA 98360  
 360-893-6500, ext. 233  
[willisc@orting.wednet.edu](mailto:willisc@orting.wednet.edu)

Debi Christensen, Executive Director for Human Resources  
 ADA Coordinator  
 Civil Rights Compliance Coordinator  
 Title IX/Sex Equity Officer  
 121 Whitesell St NE  
 Orting, WA 98360  
 360-893-6500, ext. 243  
[christensend@orting.wednet.edu](mailto:christensend@orting.wednet.edu)

## Pierce County Skills Center

Orting School District offers numerous CTE classes. **Course descriptions** can be found in the *OHS Curriculum Guide*. CTE courses are offered each year when students register for classes. Another available resource for CTE credits is the ***Pierce County Skills Center (PCSC)***, which is a year-long program open to juniors and seniors who've *met core graduation requirements*. The PCSC also offers free summer school to all grade levels, incoming freshmen to seniors. The PCSC has a separate application process and Orting High School has a supplemental application - both need to be submitted to your counselor to determine program eligibility. The PCSC website details program offerings, open house dates and applications (also found below), which open each March. Students interested in the PCSC must check with their counselor to determine if they are eligible to attend.

- [Pierce County Skills Center Application Information Sheet](#)
- [Pierce County Skills Center 2020-21 Application](#)
- [Summer School Information](#)

*Please also complete one of the below required OHS documents and return to the counseling center along with your PCSC application by March 27th!*

[Orting High School Supplemental PCSC application in PDF](#)  
[OHS Supplemental PCSC application in Word \(fillable form\)](#)

## High School Math course planning

Math course selection in High School should be rooted in a students High School and Beyond Plan. There are [16 career clusters](#) and most of the clusters do not require a student to successfully complete Pre-Calculus or AP Calculus. At Orting High School students must complete three credits of Math and are strongly encouraged to complete four credits of Math. Input from your student's High School and Beyond Plan, School Counselor, Math Instructor and conversations between parents and students helps students determine which math courses are best served for careers beyond OHS. We have created two documents, which are available below, that are intended to help students and parents assess which math courses are right for them. Please review these documents during course registration. If you have any questions please feel free to contact your students School Counselor.

[Math Flow Chart](#)

## CAREER AND TECHNICAL EDUCATION

### FIN080 ANNUAL S1

The Annual class will work together to plan, design and produce the Orting High School yearbook. Layout and design, photography, interviewing, copywriting, managerial tasks, marketing and problem-solving are some of the skills that will be developed and utilized in this course. Students with strengths in writing, digital imaging, computerized layout or photography experience are desired. Students must be willing to commit to high levels of responsibility as numerous after school assignments, deadlines and assignments are necessary for producing the school yearbook. Prerequisites: Leadership, Photography I or II OR Instructor Permission. Success Indicators: Strong organizational skills, ability to manage projects, belief in team building, maintaining confidentiality, ability to problem solve, critical thinking and technology skills.

**COURSE NOTE:** Success Indicators: Strong organizational skills, ability to manage projects, belief in team building, maintaining confidentiality, ability to problem solve, critical thinking and technology skills.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** CTE250 - DIGITAL PHOTOGRAPHY I **or** CTE410 - LEADERSHIP

**COREQUISITES:** If you take this course, you must also take FIN081 - ANNUAL S2

### FIN081 ANNUAL S2

The Annual class will work together to plan, design and produce the Orting High School yearbook. Layout and design, photography, interviewing, copywriting, managerial tasks, marketing and problem-solving are some of the skills that will be developed and utilized in this course. Students with strengths in writing, digital imaging, computerized layout or photography experience are desired. Students must be willing to commit to high levels of responsibility as numerous after school assignments, deadlines and assignments are necessary for producing the school yearbook. Prerequisites: Leadership, Photography I or II OR Instructor Permission. Success Indicators: Strong organizational skills, ability to manage projects, belief in team building, maintaining confidentiality, ability to problem solve, critical thinking and technology skills.

**COURSE NOTE:** Success Indicators: Strong organizational skills, ability to manage projects, belief in team building, maintaining confidentiality, ability to problem solve, critical thinking and technology skills.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** CTE410 - LEADERSHIP **or** CTE250 - DIGITAL PHOTOGRAPHY I

**COREQUISITES:** If you take this course, you must also take FIN080 - ANNUAL S1

### CTE071 AP COMPUTER SCIENCE PRINCIPLES

This full year course prepares students for the AP® test in computer science. Topics covered will include Java programming language, search, sorting, object oriented programming, program implementation, program analysis and standard algorithms.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE072 - AP COMPUTER SCIENCE PRINCIPLES

**CTE072 AP COMPUTER SCIENCE PRINCIPLES**

This full year course prepares students for the AP® test in computer science. Topics covered will include Java programming language, search, sorting, object oriented programming, program implementation, program analysis and standard algorithms.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE071 - AP COMPUTER SCIENCE PRINCIPLES

**SCI155 AP ENVIRONMENTAL SCIENCE**

This course is a rigorous, college level course and requires higher levels of thinking and work load. Completion of the Advanced Placement Exam is expected. Advanced Placement Environmental Science provides 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.

**COURSE NOTE:** Success Criteria: Strong Study Habits

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 9-12

**PREREQUISITE:** Commitment to invest the time necessary to perform at a rigorous academic level.

**COREQUISITES:** If you take this course, you must also take SCI156 - AP ENVIRONMENTAL SCIENCE

**SCI156 AP ENVIRONMENTAL SCIENCE**

This course is a rigorous, college level course and requires higher levels of thinking and work load. Completion of the Advanced Placement Exam is expected. Advanced Placement Environmental Science provides 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.

**COURSE NOTE:** Success Indicators: Strong Study Habits.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 9-12

**PREREQUISITE:** Commitment to invest the time necessary to perform at a rigorous academic level.

**COREQUISITES:** If you take this course, you must also take SCI155 - AP ENVIRONMENTAL SCIENCE

**CTE052 CULINARY I FOUNDATIONS**

This class will teach the basics of cooking. We will go over basic culinary skills that include safety and sanitation, measuring, how to read a recipe, knife skills, cooking terms and methods, and utensil and appliance use. We will use these skills to prepare easy recipes. Students will learn to enhance foods with spices, prepare breakfast foods, sandwiches, stocks and sauces. This class will prepare students for more advanced courses in the culinary industry. Success Indicators: Ability to handle criticism, passion for culinary arts, attentiveness to detail, creativity, willingness to practice, values being a team member, having a good business sense.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**CTE053 CULINARY II FOODS**

This is an advanced foods class that covers gourmet aspects of cooking specific cooking methods, garnishing, and meal preparation. Units include beginning baking, poultry and meats, catering, and careers. Students will master the art of cooking and receive advanced culinary skills that will lead them into the food service industry. Success Indicators: Passion for culinary arts, attentiveness to detail, creativity, willingness to practice, values being a team member, having a good business sense.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** CTE052 - CULINARY I FOUNDATIONS **or** CTE054 - INDEPENDENT LIVING

**CTE250 DIGITAL PHOTOGRAPHY I**

In this course students are introduced to the techniques and technology of journalistic, fine art and graphic design digital photography. Students will create color and black and white digital prints and digital portfolios. This course includes a study of the elements and principles of art. Artistic vision is encouraged through class discussion and critiques.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**CTE251 DIGITAL PHOTOGRAPHY II**

In this course students continue developing the skill of journalistic, fine art and digital photography, and will explore industrial photography, studio photography and photo stitching.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** Successful completion of Digital Photography I.

**CTE254 ELECTRONIC MUSIC PRODUCTION I**

Using professional DJ software and controllers, you will learn to create seamless mixes in multiple genres, with transitions and effects. Using industry standard Ableton Live 9 software, you will learn to create your own music, and learn the components of a good song. You will also learn the components of a sound system, how to run a sound board, and how to design and run the lighting systems for live shows. We will focus on how each of these techniques translates to various career opportunities, and give you the skills to start exploring various career paths in music production and engineering.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**CTE253 ELECTRONIC MUSIC PRODUCTION II**

Take your DJ skills to the next level! Learn scratching techniques, advanced mixing and effects, and how to re-mix on the fly. Using the Launchpad controllers, you will learn advanced beat-making techniques as we focus on building songs and loops from the ground up. Dig deeper into song production techniques in Ableton Live 9, and learn how to master a track for submission to a label or download site. We will analyze techniques from top DJ's and producers in the industry and learn how to replicate them in our own music production.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**CTE038 GREENHOUSE SCIENCE S1**

This introductory horticulture course focuses on the scientific principles related to the cultivation of garden and ornamental plants. Includes instruction in specific types of plants; various propagation techniques for different horticultural plant varieties; physiology of horticultural species; and the management of plant development and production. The course is project based with hands on activities both in and out of the classroom including work in the greenhouses and garden plots.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE039 - GREENHOUSE SCIENCE S2

**CTE039 GREENHOUSE SCIENCE S2**

This introductory horticulture course focuses on the scientific principles related to the cultivation of garden and ornamental plants. Includes instruction in specific types of plants; various propagation techniques for different horticultural plant varieties; physiology of horticultural species; and the management of plant development and production. The course is project based with hands on activities both in and out of the classroom including work in the greenhouses and garden plots.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE038 - GREENHOUSE SCIENCE S1

**CTE029 INTRO TO BUSINESS**

Intro to Business and Management is a core course for students who are in the business/marketing pathway. In this course students will be introduced to different topics in business from employability skills, career planning, business organizations, customer service and management and marketing. This course is a prerequisite for the Entrepreneurship/Student Store class.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**CTE338 INTRODUCTION TO MEDICAL CAREERS**

This course provides students the opportunity to explore careers in health care. Instruction includes history of health care, in-depth study and exposure to health careers, career planning, employability skills, medical terminology, ethics, wellness vs. illness, and safety. This class also offers First Aid and CPR/AED training and certification.

**COURSE NOTE:** Success Indicators: Has interest in the medical field, enjoys hands on learning

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**CTE410 LEADERSHIP**

This class combines an academic examination of leadership with a hands-on experience in the areas of leadership. Students will learn about the qualities, decision making skills, and personal qualities leaders have displayed through history. Students will also work in coordination with the ASB to plan events such as homecoming, assemblies and other school events, well planned and smooth in their execution. Class officers and ASB officers are expected to take this course. Outside class commitment is required.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**CTE344 NUTRITION AND WELLNESS**

Learn about the role nutrition plays in your overall health. Topics covered include nutritional needs, diet analysis, planning balanced meals, the digestive system, and nutrition careers. Students will analyze food choices and physical activities to make recommendations for a healthy life-style. During the course students will also analyze knowledge about long range impact of drugs, alcohol and tobacco use. Success Indicators: Works well in groups (food labs), computer skills, and time management skills.

**COURSE NOTE:** Success Indicators: Works well in groups (food labs), computer skills, time management skills

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**CTE335 SPORTS MEDICINE I**

This course will provide students with an overview of the field of sports medicine. The course is specifically geared for students who have a special interest in athletics, and/or who may be interested in pursuing a career in sports medicine, physical therapy, athletic training or other health related fields. Success Indicators: Has an interest in the medical field, and enjoys hands-on learning and works well in groups.

**COURSE NOTE:** Success Indicators: Has interest in the medical field, enjoys hands on learning, works well in groups

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE337 - SPORTS MEDICINE I

**CTE337 SPORTS MEDICINE I**

This course will provide students with an overview of the field of sports medicine. The course is specifically geared for students who have a special interest in athletics, and/or who may be interested in pursuing a career in sports medicine, physical therapy, athletic training or other health related fields. Success Indicators: Has an interest in the medical field, and enjoys hands-on learning and works well in groups.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE335 - SPORTS MEDICINE I

**CTE406 STEM 1**

STEM 1 is designed to provide a common entry point into a pre-engineering pathway for students interested in careers in aerospace, robotics, CAD, CNC, manufacturing, machining, electronics, architecture, fabrication, engineering and other STEM related fields. In this introductory course, students will build foundational skills such as precision measurement, technical drawing, engineering design, computer aided drafting, 3-D printing and design, simple electronics, programming video analysis and safe tool use while completing a variety of projects from many different STEM fields. Students will learn and apply the basics of 3-D printing, laser engraving, soldering, hand tool use and materials science as needed to prototype designs. \*\*\*\*If you have previously taken any of the following courses: Aerospace, Rocketry or Robotics 1 or 2, Register for STEM 2 instead of this course

**COURSE NOTE:** If you have previously taken any of the following courses: Aerospace, Rocketry or Robotics 1 or 2, Register for STEM 2 instead of this course

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**CTE407 STEM 2**

STEM 2 is designed to provide STEM pathway students an opportunity to deepen their understanding of the science behind mechanical systems. In STEM 2 students will use project based learning to explore how a system (i.e. robot, rocket, aircraft, electronic circuit) behaves and then apply this knowledge to solving related engineering problems. Some potential phenomena are torque, friction, momentum, stability, mechanical advantage, electrical resistance and efficiency. In addition, students will continue to build upon the skills learned in STEM 1 such as precision measurement, technical drawing, engineering design, computer aided drafting, 3-D printing and design, simple electronics, programming video analysis and safe tool use. \*\*\*\*If you have previously taken 2 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2, Register for STEM 3 instead of this course.

**COURSE NOTE:** If you have previously taken 1 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2, you can take this course.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** CTE066 - INTRODUCTION TO ROBOTICS **or** CTE067 - ROBOTICS I **or** CTE070 - ROBOTICS II **or** CTE354 - INTRODUCTION TO AEROSPACE TECHNOLOGY **or** CTE355 - INTRODUCTION TO AEROSPACE TECHNOLOGY **or** CTE406 - STEM 1

**SCI006 BIOLOGY**

The course objective is to develop an understanding of biological concepts. The concepts are developed through observation, inquiry, problem solving, and interpretation of data. Areas of study include cell structure and function, cellular reproduction, biochemistry, diversity of life, genetics, general ecology and environmental issues. Skills in problem solving, use of the microscope, basic observation, and identification along with computations, as well as some graphing will be developed. Note: This course is a laboratory science class, which fulfills both high school graduation and college entrance requirements.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10

**PREREQUISITE:** PHYSICAL SCIENCE RECOMMENDED.

**COREQUISITES:** If you take this course, you must also take SCI007 - BIOLOGY

**SCI007 BIOLOGY**

The course objective is to develop an understanding of biological concepts. The concepts are developed through observation, inquiry, problem solving, and interpretation of data. Areas of study include cell structure and function, cellular reproduction, biochemistry, diversity of life, genetics, general ecology and environmental issues. Skills in problem solving, use of the microscope, basic observation, and identification along with computations, as well as some graphing will be developed. Note: This course is a laboratory science class, which fulfills both high school graduation and college entrance requirements.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10

**COREQUISITES:** If you take this course, you must also take SCI006 - BIOLOGY

**CTE099 ANATOMY AND PHYSIOLOGY**

In this course, students will study the structure and function of the 11 body systems. This course is recommended for

students interested in medical, dental, veterinary, or physical education careers. Success Indicators: Students should have an interest in the medical field, strong study habits, and works well in groups.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

### **PED160 ANYTIME FITNESS**

This course meets at Anytime Fitness on Mondays and Wednesdays, and is designed for the motivated OHS fitness student. Community gym etiquette, cardio-respiratory endurance, muscular strength and endurance, flexibility, body composition and fitness goal setting will be the major focus in this course. Court and field sports are also included.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

### **CTE402 AP COMPUTER SCIENCE A**

In Computer Science A, we will explore the Java object oriented programming language and how programs actually work. We will create our own programs ranging from basic calculators to simple graphics-based games. Motivated students will be prepared to take the Advanced Placement A exam at the end of the year. Credit from this course can be applied to Career and Technical Education and Math. Please note that cross-crediting DOES NOT APPLY FOR MEETING MINIMUM CORE REQUIREMENTS FOR COLLEGES. In addition to earning high school credit, students can receive advanced standing or college credit by earning a qualifying score on the AP exam administered in May. This test costs approximately \$103, although financial assistance is available for those on free or reduced lunch. AP credit transfers to most public and private colleges and universities.

**COURSE NOTE:** Success Criteria:

Willingness to work outside of class on projects

Desire for a career in technology, game design, electronic device design, science, mathematics, robotics, engineering, computer modeling, economics, e-commerce, space exploration, medical devices or manufacturing.

Ability to overcome frustration and persevere to solve a problem—not afraid to make a mistake.

Willingness to work individually and in groups with attention to details while also keeping in mind the overall

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE403 - AP COMPUTER SCIENCE A

### **CTE403 AP COMPUTER SCIENCE A**

In Computer Science A, we will explore the Java object oriented programming language and how programs actually work. We will create our own programs ranging from basic calculators to simple graphics-based games. Motivated students will be prepared to take the Advanced Placement A exam at the end of the year. Credit from this course can be applied to Career and Technical Education and Math. Please note that cross-crediting DOES NOT APPLY FOR MEETING MINIMUM CORE REQUIREMENTS FOR COLLEGES. In addition to earning high school credit, students can receive advanced standing or college credit by earning a qualifying score on the AP exam administered in May. This test costs approximately \$103, although financial assistance is available for those on free or reduced lunch. AP credit transfers to most public and private colleges and universities.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE402 - AP COMPUTER SCIENCE A

### **CTE055 CULINARY III S1**

This course requires completion of culinary 1 and 2 and teacher approval for course entrance. It is a year long class that encompasses all skills learned and acquired in culinary 1 and 2 and put into a professional culinary business setting. You will be planning, prepping, shopping, conducting inventory, serving food, and selling food through the Orting Deli. You will learn industry skills through a real professional work experience. Daily tasks include food preparation, financial planning, menu planning, marketing and publicising, and daily food operations. We will be collaborating with the entrepreneurship class in running the business. Great work ethic, communication, and teamwork are skills that will be an asset to success in this class.

**CREDIT:** 0.5 **TYPE:** Tech Prep **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE056 - CULINARY III S2

**CTE056 CULINARY III S2**

This course requires completion of culinary 1 and 2 and teacher approval for course entrance. It is a year long class that encompasses all skills learned and acquired in culinary 1 and 2 and put into a professional culinary business setting. You will be planning, prepping, shopping, conducting inventory, serving food, and selling food through the Orting Deli. You will learn industry skills through a real professional work experience. Daily tasks include food preparation, financial planning, menu planning, marketing and publicising, and daily food operations. We will be collaborating with the entrepreneurship class in running the business. Great work ethic, communication, and teamwork are skills that will be an asset to success in this class.

**CREDIT:** 0.5 **TYPE:** Tech Prep **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE055 - CULINARY III S1

**CTE145 ENTREPRENEURSHIP/THE BIRD FEEDER CAFE AND MARKET S1**

This is an advanced class for students who have taken Intro to Business & Marketing. Students will continue their knowledge in business and marketing; implementing a successful business plan, and also highlighting their knowledge of product, inventory controls, marketing, customer service, management and working as a team in a well run business. Students will learn entrepreneurial skills by engaging in the real world scenario of managing and running the OHS Student Store and Cafe. Students will collaborate with the advanced Culinary III class in running these businesses. Prerequisites: Intro to Business & Marketing or Instructor Permission

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**PREREQUISITE:** CTE029 - INTRO TO BUSINESS **or** CTE030 - INTRO TO MARKETING

**COREQUISITES:** If you take this course, you must also take CTE146 - ENTREPRENEURSHIP/THE BIRD FEEDER CAFE AND MARKET S2

**CTE146 ENTREPRENEURSHIP/THE BIRD FEEDER CAFE AND MARKET S2**

This is an advanced class for students who have taken Intro to Business & Marketing. Students will continue their knowledge in business and marketing; implementing a successful business plan, and also highlighting their knowledge of product, inventory controls, marketing, customer service, management and working as a team in a well run business. Students will learn entrepreneurial skills by engaging in the real world scenario of managing and running the OHS Student Store and Cafe. Students will collaborate with the advanced Culinary III class in running these businesses. Prerequisites: Intro to Business & Marketing or Instructor Permission

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**PREREQUISITE:** CTE029 - INTRO TO BUSINESS **or** CTE030 - INTRO TO MARKETING

**COREQUISITES:** If you take this course, you must also take CTE145 - ENTREPRENEURSHIP/THE BIRD FEEDER CAFE AND MARKET S1

**CTE041 GREENHOUSE MANAGEMENT S1**

This course introduces students to the use of a greenhouse and related equipment to manipulate the environment in the production of greenhouse crops: flowers, vegetables, and household plants. Attention is also given to the entrepreneurial business and retailing of crops grown.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE042 - GREENHOUSE MANAGEMENT S2

**CTE042 GREENHOUSE MANAGEMENT S2**

This course introduces students to the use of a greenhouse and related equipment to manipulate the environment in the production of greenhouse crops: flowers, vegetables, and household plants. Attention is also given to the entrepreneurial business and retailing of crops grown.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE041 - GREENHOUSE MANAGEMENT S1

### **CTE340 SPORTS MEDICINE II**

This is an advanced course for students who are interested in the career field of sports medicine. This course is specifically geared for students who have a special interest in athletics, and/or who may be interested in pursuing a career in sports medicine, physical therapy, athletic training or other health-related fields. Success Indicators: Has interest in the medical field, enjoys hands-on learning, and works well in groups.

**COURSE NOTE:** Success Indicators: Has interest in the medical field, enjoys hands on learning, works well in groups

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**PREREQUISITE:** Sports Medicine I or instructor permission.

**COREQUISITES:** If you take this course, you must also take CTE342 - SPORTS MEDICINE II

### **CTE342 SPORTS MEDICINE II**

This is an advanced course for students who are interested in the career field of sports medicine. This course is specifically geared for students who have a special interest in athletics, and/or who may be interested in pursuing a career in sports medicine, physical therapy, athletic training or other health-related fields. Success Indicators: Has interest in the medical field, enjoys hands-on learning, and works well in groups.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE340 - SPORTS MEDICINE II

### **CTE408 STEM 3**

STEM 3 represents the capstone of the STEM pathway. Students in STEM 3 should have a strong idea of their career field of interest and as a result will spend the year engaged in topic specific research, engineering design, prototyping and testing. Students in STEM 3 should be prepared to work in a small group, or individually depending on the topic of interest. Students in STEM 3 will build advanced skills in problem solving, engineering design, tool use, prototyping and testing as well as research, technical writing, citing sources and keeping an engineering notebook. Students in STEM 3 are expected to showcase their projects through competition in a regional STEM competition and will be required to work with an industry mentor. (Students will be assisted in finding mentors) \*\*\*\*You should only register for this course if you have previously taken 2 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2. Success Indicators: For STEM 1, 2 and 3 - To be successful in STEM 3, students should have a strong desire for a career in a STEM related field, be willing to learn from mistakes, like solving problems, and enjoy learning new skills like soldering, computer aided drafting and working with hand tools. In addition, students in STEM 3 should like working in teams, be capable of working independently and be willing to communicate ideas through both written reports and oral presentations. Lastly, students should expect to adhere to all health and safety regulations and classroom rules

**COURSE NOTE:** You should only register for this course if you have previously taken 2 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**PREREQUISITE:** CTE067 - ROBOTICS I **or** CTE070 - ROBOTICS II **or** CTE354 - INTRODUCTION TO AEROSPACE TECHNOLOGY **or** CTE355 - INTRODUCTION TO AEROSPACE TECHNOLOGY **or** CTE407 - STEM 2

**COREQUISITES:** If you take this course, you must also take CTE409 - STEM 3

### **CTE409 STEM 3**

STEM 3 represents the capstone of the STEM pathway. Students in STEM 3 should have a strong idea of their career field of interest and as a result will spend the year engaged in topic specific research, engineering design, prototyping and testing. Students in STEM 3 should be prepared to work in a small group, or individually depending on the topic of interest. Students in STEM 3 will build advanced skills in problem solving, engineering design, tool use, prototyping and testing as well as research, technical writing, citing sources and keeping an engineering notebook. Students in STEM 3 are expected to showcase their projects through competition in a regional STEM competition and will be required to work with an industry mentor. (Students will be assisted in finding mentors) \*\*\*\*You should only register for this course if you have previously taken 2 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2. Success Indicators: For

STEM 1, 2 and 3 - To be successful in STEM 3, students should have a strong desire for a career in a STEM related field, be willing to learn from mistakes, like solving problems, and enjoy learning new skills like soldering, computer aided drafting and working with hand tools. In addition, students in STEM 3 should like working in teams, be capable of working independently and be willing to communicate ideas through both written reports and oral presentations. Lastly, students should expect to adhere to all health and safety regulations and classroom rules

**COURSE NOTE:** You should only register for this course if you have previously taken 2 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**PREREQUISITE:** CTE066 - INTRODUCTION TO ROBOTICS **or** CTE067 - ROBOTICS I **or** CTE070 - ROBOTICS II **or** CTE354 - INTRODUCTION TO AEROSPACE TECHNOLOGY **or** CTE355 - INTRODUCTION TO AEROSPACE TECHNOLOGY

**COREQUISITES:** If you take this course, you must also take CTE408 - STEM 3

### **CTE353 BIOTECHNOLOGY S1**

This course will explore the world of biotechnology. Students will dig into the properties of DNA to understand forensics, cloning, genetic engineering and microbiology. Hands on laboratory activities will show students how these topics are used in many biomedical professions and explore the interest areas of CSI (crime scene investigation) and genetics research. Students will have the opportunity to join the Technology Student organization. This organization is dedicated to helping young people prepare for future career opportunities.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**PREREQUISITE:** Biology

**COREQUISITES:** If you take this course, you must also take CTE351 - BIOTECHNOLOGY S2

### **CTE351 BIOTECHNOLOGY S2**

This course will explore the world of biotechnology. Students will dig into the properties of DNA to understand forensics, cloning, genetic engineering and microbiology. Hands on laboratory activities will show students how these topics are used in many biomedical professions and explore the interest areas of CSI (crime scene investigation) and genetics research. Students will have the opportunity to join the Technology Student organization. This organization is dedicated to helping young people prepare for future career opportunities.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take CTE353 - BIOTECHNOLOGY S1

### **CTE003 CONSUMER MATH III S1**

This course focuses on the application of mathematics and statistics to the finance industry, including the development, critique, and use of various financial models. The course includes instruction in probability theory; statistical analysis; and numerical, computation, and simulation methods. Students will learn about stochastic processes, economics, financial literacy, financial markets, and financial applications.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take CTE004 - CONSUMER MATH III S2

### **CTE004 CONSUMER MATH III S2**

This course focuses on the application of mathematics and statistics to the finance industry, including the development, critique, and use of various financial models. The course includes instruction in probability theory; statistical analysis; and numerical, computation, and simulation methods. Students will learn about stochastic processes, economics, financial literacy, financial markets, and financial applications.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take CTE003 - CONSUMER MATH III S1

**CTE248 DIGITAL PHOTOGRAPHY 3/COMMERCIAL PHOTOGRAPHY**

In this course students continue developing the skill of journalistic, fine art and digital photography, and will explore industrial photography, studio photography and photo stitching. Emphasis is placed on individual projects, portfolios and personal time management. This course includes a study of the elements and principles of art. Artistic vision is encouraged through class discussion and critiques.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**PREREQUISITE:** CTE250 - DIGITAL PHOTOGRAPHY I **or** CTE251 - DIGITAL PHOTOGRAPHY II

**CTE411 ECONOMICS**

A course that focuses on what an Economy is and how it works. It addresses the study of the production, conservation and allocation of resources. This courses organizational frameworks include in economic theory, micro- and macro-economics, comparative economic systems, money and banking systems and international economics. Economics is designed to give students the real world skills necessary to be informed and successful after high school.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take SOC100 - CIVICS

**ENGLISH/LANGUAGE ARTS****ENG104 ENGLISH/LANGUAGE ARTS 9**

This course will serve to build a foundation in the language arts for all students. Grammar, literary elements, reading fluency, writing skills, and vocabulary will combine to form this college preparatory course. This course aligns to state standards, therefore preparing the students for all standardized tests (SAT, ACT, SBA).

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9

**COREQUISITES:** If you take this course, you must also take ENG105 - ENGLISH/LANGUAGE ARTS 9

**ENG105 ENGLISH/LANGUAGE ARTS 9**

This course will serve to build a foundation in the language arts for all students. Grammar, literary elements, reading fluency, writing skills, and vocabulary will combine to form this college preparatory course. This course aligns to state standards, therefore preparing the students for all standardized tests (SAT, ACT, SBA).

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9

**COREQUISITES:** If you take this course, you must also take ENG104 - ENGLISH/LANGUAGE ARTS 9

**ENG106 ENGLISH/LANGUAGE ARTS 10**

This course integrates literature, composition, grammar, oral presentation and vocabulary. In literature, the development of comprehension skills will be emphasized in the reading of short stories, novels, plays and poetry. Students will review and develop their knowledge of the writing process, basic grammar, usage, and mechanics. Students will write argumentative, descriptive, and informative essays of varying lengths using specific writing processes. The course aligns to state standards, therefore preparing the students for all standardized tests (SAT, ACT, SBA).

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10

**COREQUISITES:** If you take this course, you must also take ENG107 - ENGLISH/LANGUAGE ARTS 10

**ENG107 ENGLISH/LANGUAGE ARTS 10**

This course integrates literature, composition, grammar, oral presentation and vocabulary. In literature, the development of comprehension skills will be emphasized in the reading of short stories, novels, plays and poetry. Students will review and develop their knowledge of the writing process, basic grammar, usage, and mechanics. Students will write

argumentative, descriptive, and informative essays of varying lengths using specific writing processes. The course aligns to state standards, therefore preparing the students for all standardized tests (SAT, ACT, SBA).

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10

**COREQUISITES:** If you take this course, you must also take ENG106 - ENGLISH/LANGUAGE ARTS 10

### **ENG320 AP LANGUAGE AND COMPOSITION**

Course Description: AP English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Students will become aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. AP English Language and Composition is a college-level course and requires a large amount of independent reading and writing. The course will be aligned to state standards, therefore preparing the students for all standardized tests (SAT, ACT, SBA). Students are expected to take the AP English Language and Composition Exam.

**COURSE NOTE:** Success Criteria: To be successful in AP Language, students must have a passion and strong ability in reading, writing, and critical thinking. Students must also have a willingness to read texts multiple times, experiment with different organization styles and writing techniques, and complete reading and writing assignments outside of class for homework.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 11

**COREQUISITES:** If you take this course, you must also take ENG321 - AP LANGUAGE AND COMPOSITION

### **ENG321 AP LANGUAGE AND COMPOSITION**

Course Description: AP English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Students will become aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. AP English Language and Composition is a college-level course and requires a large amount of independent reading and writing. The course will be aligned to state standards, therefore preparing the students for all standardized tests (SAT, ACT, SBA). Students are expected to take the AP English Language and Composition Exam.

**COURSE NOTE:** Success Indicators: To be successful in AP Language, students must have a passion and strong ability in reading, writing, and critical thinking. Students must also have a willingness to read texts multiple times, experiment with different organization styles and writing techniques, and complete reading and writing assignments outside of class for homework.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 11

**COREQUISITES:** If you take this course, you must also take ENG320 - AP LANGUAGE AND COMPOSITION

### **ENG108 ENGLISH/LANGUAGE ARTS 11**

This course focuses on the literature of the United States from early colonial to present time. The course enhances and connects with the U.S. History class required for juniors. This course will strengthen writing skills through a variety of assignments. Students will read works from authors such as Hawthorne, Poe, Twain, and Steinbeck. Each student will be required to do an oral presentation as part of the curricular requirements. This course aligns to state standards, therefore preparing the students for all standardized tests (SAT, ACT, SBA).

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11

**COREQUISITES:** If you take this course, you must also take ENG109 - ENGLISH/LANGUAGE ARTS 11

### **ENG109 ENGLISH/LANGUAGE ARTS 11**

This course focuses on the literature of the United States from early colonial to present time. The course enhances and connects with the U.S. History class required for juniors. This course will strengthen writing skills through a variety of assignments. Students will read works from authors such as Hawthorne, Poe, Twain, and Steinbeck. Each student will be required to do an oral presentation as part of the curricular requirements. This course aligns to state standards, therefore preparing the students for all standardized tests (SAT, ACT, SBA).

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11

**COREQUISITES:** If you take this course, you must also take ENG108 - ENGLISH/LANGUAGE ARTS 11

### **ENG211 AP LITERATURE**

Course Description: An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Students are expected to prepare for and take the AP Literature exam.

**COURSE NOTE:** Success Criteria: Success Indicators: Resilient, hardworking, and punctual with a strong ability in reading, writing. Must also have a willingness to work hard, learn from constructive criticism, and explore complex subject matter in a literary context. Capable of prioritizing work outside of class.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take ENG212 - AP LITERATURE

### **ENG212 AP LITERATURE**

Course Description: An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Students are expected to prepare for and take the AP Literature exam.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take ENG211 - AP LITERATURE

### **ENG300 ENGLISH/LANGUAGE ARTS 12**

This course is designed to enhance a student's understanding of literature and further refine writing, reading, and communication and analysis skills. The primary outcomes of this class focus on the "College Readiness" standards highlighted in the Common Core State Standards. Instruction will emphasize critical reading and writing skills using British literature, short works of literature, poetry, and a variety of research and writing strategies.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take ENG301 - ENGLISH/LANGUAGE ARTS 12

### **ENG301 ENGLISH/LANGUAGE ARTS 12**

This course is designed to enhance a student's understanding of literature and further refine writing, reading, and communication and analysis skills. The primary outcomes of this class focus on the "College Readiness" standards highlighted in the Common Core State Standards. Instruction will emphasize critical reading and writing skills using British literature, short works of literature, poetry, and a variety of research and writing strategies.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take ENG300 - ENGLISH/LANGUAGE ARTS 12

## **FINE ARTS**

### **FIN052 3D ART**

This course is an introduction to three-dimensional art including silk-screening, wire sculpture and pottery. This class

provides a hands-on experience and attendance is important. Emphasis is on conceptual development and craftsmanship. The relationship of cultural development and history of art will be explored.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

### **FIN080 ANNUAL S1**

The Annual class will work together to plan, design and produce the Orting High School yearbook. Layout and design, photography, interviewing, copywriting, managerial tasks, marketing and problem-solving are some of the skills that will be developed and utilized in this course. Students with strengths in writing, digital imaging, computerized layout or photography experience are desired. Students must be willing to commit to high levels of responsibility as numerous after school assignments, deadlines and assignments are necessary for producing the school yearbook. Prerequisites: Leadership, Photography I or II OR Instructor Permission. Success Indicators: Strong organizational skills, ability to manage projects, belief in team building, maintaining confidentiality, ability to problem solve, critical thinking and technology skills.

**COURSE NOTE:** Success Indicators: Strong organizational skills, ability to manage projects, belief in team building, maintaining confidentiality, ability to problem solve, critical thinking and technology skills.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** CTE250 - DIGITAL PHOTOGRAPHY I or CTE410 - LEADERSHIP

**COREQUISITES:** If you take this course, you must also take FIN081 - ANNUAL S2

### **FIN081 ANNUAL S2**

The Annual class will work together to plan, design and produce the Orting High School yearbook. Layout and design, photography, interviewing, copywriting, managerial tasks, marketing and problem-solving are some of the skills that will be developed and utilized in this course. Students with strengths in writing, digital imaging, computerized layout or photography experience are desired. Students must be willing to commit to high levels of responsibility as numerous after school assignments, deadlines and assignments are necessary for producing the school yearbook. Prerequisites: Leadership, Photography I or II OR Instructor Permission. Success Indicators: Strong organizational skills, ability to manage projects, belief in team building, maintaining confidentiality, ability to problem solve, critical thinking and technology skills.

**COURSE NOTE:** Success Indicators: Strong organizational skills, ability to manage projects, belief in team building, maintaining confidentiality, ability to problem solve, critical thinking and technology skills.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** CTE410 - LEADERSHIP or CTE250 - DIGITAL PHOTOGRAPHY I

**COREQUISITES:** If you take this course, you must also take FIN080 - ANNUAL S1

### **FIN050 BEGINNING ART**

This course studies the elements of design applied to a variety of projects as students work with a range of two-dimensional and 3-dimensional mediums. This course will provide students a base of knowledge for the other visual arts classes such as art concepts and vocabulary, visual problem solving, self-peer critiques, and communication through and about art.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

### **FIN106 CONCERT BAND**

This course gives students a rigorous, college-preparatory music education through the rehearsal and performance of traditional band literature, pep band music, and culturally expansive pieces with the goal of highlighting the acquired performance skills at community performances and formal competitions. Areas of emphasis are participation in all required performances, active engagement in class rehearsals, reinforcement of concepts through home practice sessions, discussion and journaling of music concepts, and the study of music theory. Class may be repeated for credit. The number of mandatory performances requires a great deal of time beyond normal school hours. Purchase of warm-up and pep method books, as well as a band performance uniform is required. Limited scholarships are available via the Orting Performing Arts Booster Club.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** Two years instrumental music or director's approval. ASB card required for club participation. Purchase of performance attire required.

**COREQUISITES:** If you take this course, you must also take FIN107 - CONCERT BAND

### **FIN107 CONCERT BAND**

This course gives students a rigorous, college-preparatory music education through the rehearsal and performance of traditional band literature, pep band music, and culturally expansive pieces with the goal of highlighting the acquired performance skills at community performances and formal competitions. Areas of emphasis are participation in all required performances, active engagement in class rehearsals, reinforcement of concepts through home practice sessions, discussion and journaling of music concepts, and the study of music theory. Class may be repeated for credit. The number of mandatory performances requires a great deal of time beyond normal school hours. Purchase of warm-up and pep method books, as well as a band performance uniform is required. Limited scholarships are available via the Orting Performing Arts Booster Club.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** Two years instrumental music or director's approval. ASB card required for club participation. Purchase of performance attire required.

**COREQUISITES:** If you take this course, you must also take FIN106 - CONCERT BAND

### **FIN100 CONCERT CHOIR**

This course will expose students to a wide variety of musical styles such as Traditional Secular and Sacred, Jazz, Rock and Contemporary. Students will learn the basic rudiments of music theory and have the opportunity to perform in concerts, honor choir, large group contest, and solo and ensemble contests and in the community. Students will be required to participate in all concerts and league contests. Concert dress is required. This class may be repeated for credit.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** ASB card required for club participation.

**COREQUISITES:** If you take this course, you must also take FIN101 - CONCERT CHOIR

### **FIN101 CONCERT CHOIR**

This course will expose students to a wide variety of musical styles such as Traditional Secular and Sacred, Jazz, Rock and Contemporary. Students will learn the basic rudiments of music theory and have the opportunity to perform in concerts, honor choir, large group contest, and solo and ensemble contests and in the community. Students will be required to participate in all concerts and league contests. Concert dress is required. This class may be repeated for credit.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** ASB card required for club participation.

**COREQUISITES:** If you take this course, you must also take FIN100 - CONCERT CHOIR

### **CTE250 DIGITAL PHOTOGRAPHY I**

In this course students are introduced to the techniques and technology of journalistic, fine art and graphic design digital photography. Students will create color and black and white digital prints and digital portfolios. This course includes a study of the elements and principles of art. Artistic vision is encouraged through class discussion and critiques.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

### **CTE251 DIGITAL PHOTOGRAPHY II**

In this course students continue developing the skill of journalistic, fine art and digital photography, and will explore industrial photography, studio photography and photo stitching.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** Successful completion of Digital Photography I.

**FIN075 DRAMA**

This class introduces the student to beginning acting techniques and improvisation. In this class students will learn: theatre appreciation, stage movement, stage voice, play analysis, acting, character analysis, performance, scene work, theatre vocabulary, theater history, and play reviews.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**FIN051 DRAWING**

This course focuses on working with mediums such as charcoal, ink, pencil, oil pastels, chalk and crayon. Figure drawing and still life will be the focus of this course.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12  
**PREREQUISITE:** BEGINNING ART RECOMMENDED.

**CTE254 ELECTRONIC MUSIC PRODUCTION I**

Using professional DJ software and controllers, you will learn to create seamless mixes in multiple genres, with transitions and effects. Using industry standard Ableton Live 9 software, you will learn to create your own music, and learn the components of a good song. You will also learn the components of a sound system, how to run a sound board, and how to design and run the lighting systems for live shows. We will focus on how each of these techniques translates to various career opportunities, and give you the skills to start exploring various career paths in music production and engineering.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**CTE253 ELECTRONIC MUSIC PRODUCTION II**

Take your DJ skills to the next level! Learn scratching techniques, advanced mixing and effects, and how to re-mix on the fly. Using the Lauchpad controllers, you will learn advanced beat-making techniques as we focus on building songs and loops from the ground up. Dig deeper into song production techniques in Ableton Live 9, and learn how to master a track for submission to a label or download site. We will analyze techniques from top DJ's and producers in the industry and learn how to replicate them in our own music production.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**FIN118 JAZZ BAND**

This course offers an intense music education experience through the study of various jazz styles and improvisation as well as an exposure to a traditional, college-preparatory music program. Students will display their high-level musical skill through a variety of community performances and formal competitions. Areas of emphasis are participation in all required performances, active engagement in class rehearsals, reinforcement of concepts through home practice sessions, discussion and journaling of music concepts, the study of music theory, and the study of jazz artists, styles, and improvisation. The number of mandatory performances requires a great deal of time beyond normal school hours. Purchase of warm-up and pep method books, as well as a band performance uniform is required. Limited scholarships are available via the Orting Performing Arts Booster Club.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12  
**PREREQUISITE:** One year Concert Band and/or director's approval. ASB card required for club participation. Purchase of performance attire required.  
**COREQUISITES:** If you take this course, you must also take FIN119 - JAZZ BAND

**FIN119 JAZZ BAND**

This course offers an intense music education experience through the study of various jazz styles and improvisation as well as an exposure to a traditional, college-preparatory music program. Students will display their high-level musical skill through a variety of community performances and formal competitions. Areas of emphasis are participation in all required performances, active engagement in class rehearsals, reinforcement of concepts through home practice sessions, discussion and journaling of music concepts, the study of music theory, and the study of jazz artists, styles, and

improvisation. The number of mandatory performances requires a great deal of time beyond normal school hours. Purchase of warm-up and pep method books, as well as a band performance uniform is required. Limited scholarships are available via the Orting Performing Arts Booster Club.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** One year Concert Band and/or director's approval. ASB card required for club participation. Purchase of performance attire required.

**COREQUISITES:** If you take this course, you must also take FIN118 - JAZZ BAND

### **FIN250 PERCUSSION ENSEMBLE**

This course gives students a rigorous, college-preparatory music education through the rehearsal and performance of traditional band literature, pep band music, and culturally expansive pieces with the goal of highlighting the acquired performance skills at community performances and formal competitions. Areas of emphasis are participation in all required performances, active engagement in class rehearsals, reinforcement of concepts through home practice sessions, discussion and journaling of music concepts, the study of music theory, self-assessment and musical growth through personal goal setting/monitoring, and honing of self-discipline in regards to independent percussion studies. Class may be repeated for credit. The number of mandatory performances requires a great deal of time beyond normal school hours. Purchase of warm-up and pep method books, as well as a band performance uniform is required. Limited scholarships are available via the Orting Performing Arts Booster Club.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** Two years of instrumental music or director's approval. ASB card required for club participation. Purchase of performance attire required.

**COREQUISITES:** If you take this course, you must also take FIN251 - PERCUSSION ENSEMBLE

### **FIN251 PERCUSSION ENSEMBLE**

This course gives students a rigorous, college-preparatory music education through the rehearsal and performance of traditional band literature, pep band music, and culturally expansive pieces with the goal of highlighting the acquired performance skills at community performances and formal competitions. Areas of emphasis are participation in all required performances, active engagement in class rehearsals, reinforcement of concepts through home practice sessions, discussion and journaling of music concepts, the study of music theory, self-assessment and musical growth through personal goal setting/monitoring, and honing of self-discipline in regards to independent percussion studies. Class may be repeated for credit. The number of mandatory performances requires a great deal of time beyond normal school hours. Purchase of warm-up and pep method books, as well as a band performance uniform is required. Limited scholarships are available via the Orting Performing Arts Booster Club.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** Two years of instrumental music or director's approval. ASB card required for club participation. Purchase of performance attire required.

**COREQUISITES:** If you take this course, you must also take FIN250 - PERCUSSION ENSEMBLE

### **FIN102 SELECT CHOIR**

This course is for students that have been in concert choir for at least one term or demonstrated outstanding abilities to waive this prerequisite. Students will be required to attend all scheduled performances and must have excellent daily attendance. Music selections will range from classic to mellow rock.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** ASB card required for club participation. Audition required.

**COREQUISITES:** If you take this course, you must also take FIN103 - SELECT CHOIR

### **FIN103 SELECT CHOIR**

This course is for students that have been in concert choir for at least one term or demonstrated outstanding abilities to waive this prerequisite. Students will be required to attend all scheduled performances and must have excellent daily attendance. Music selections will range from classic to mellow rock.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** ASB card required for club participation. Audition required.

**COREQUISITES:** If you take this course, you must also take FIN102 - SELECT CHOIR

### **FIN217 AP STUDIO ART**

This course is designed for highly motivated high school students to do college level work. Students will spend the school year completing a portfolio of two-dimensional work through class and homework assignments that may be submitted to the College Board in May as their AP test. Success in this class will depend greatly on the students' ability to work independently and ask for help when needed. In addition to class work, students will be required to turn in one concentration every two weeks. Career opportunities are explored throughout the year.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take FIN218 - AP STUDIO ART

### **FIN218 AP STUDIO ART**

This course is designed for highly motivated high school students to do college level work. Students will spend the school year completing a portfolio of two-dimensional work through class and homework assignments that may be submitted to the College Board in May as their AP test. Success in this class will depend greatly on the students' ability to work independently and ask for help when needed. In addition to class work, students will be required to turn in one concentration every two weeks. Career opportunities are explored throughout the year.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take FIN217 - AP STUDIO ART

### **FIN053 STUDIO ART**

This course provides the advanced art student with a continued exploration of the visual arts with individualized instruction. Students will engage in self-directed study as well as instructor directed projects in advanced concepts and techniques. The emphasis is on individual development of creativity, interest and skills.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

### **FIN108 WIND ENSEMBLE**

No description available

**CREDIT:** 0.5 **TYPE:** Advanced **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take FIN109 - WIND ENSEMBLE

### **FIN109 WIND ENSEMBLE**

No description available

**CREDIT:** 0.5 **TYPE:** Advanced **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take FIN108 - WIND ENSEMBLE

### **CTE248 DIGITAL PHOTOGRAPHY 3/COMMERCIAL PHOTOGRAPHY**

In this course students continue developing the skill of journalistic, fine art and digital photography, and will explore industrial photography, studio photography and photo stitching. Emphasis is placed on individual projects, portfolios and personal time management. This course includes a study of the elements and principles of art. Artistic vision is encouraged through class discussion and critiques.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**PREREQUISITE:** CTE250 - DIGITAL PHOTOGRAPHY I **or** CTE251 - DIGITAL PHOTOGRAPHY II

## HEALTH AND FITNESS

### **PED163 HEALTH AND FITNESS**

Health topics covered in the class are alcohol, tobacco and other drug prevention, injury prevention, nutrition, physical activity, family health and sexuality, community and environmental health, mental health, and personal and consumer health. Skills addressed in the lessons include, self-management, analyzing influences, accessing information and services, making decisions, setting goals, developing interpersonal communications and advocacy skills. Physical Education content covered in this course are concepts and activities with an emphasis on lifelong fitness. A variety of games, sports, and fitness activities will be taught to students so that they may identify fitness activities that suit their personal needs. Students will be regularly assessed to determine their current level of health and fitness, and to track their individual goals for progress during the semester.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9

**COREQUISITES:** If you take this course, you must also take PED164 - HEALTH AND FITNESS

### **PED164 HEALTH AND FITNESS**

Health topics covered in the class are alcohol, tobacco and other drug prevention, injury prevention, nutrition, physical activity, family health and sexuality, community and environmental health, mental health, and personal and consumer health. Skills addressed in the lessons include, self-management, analyzing influences, accessing information and services, making decisions, setting goals, developing interpersonal communications and advocacy skills. Physical Education content covered in this course are concepts and activities with an emphasis on lifelong fitness. A variety of games, sports, and fitness activities will be taught to students so that they may identify fitness activities that suit their personal needs. Students will be regularly assessed to determine their current level of health and fitness, and to track their individual goals for progress during the semester.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9

**COREQUISITES:** If you take this course, you must also take PED163 - HEALTH AND FITNESS

### **CTE338 INTRODUCTION TO MEDICAL CAREERS**

This course provides students the opportunity to explore careers in health care. Instruction includes history of health care, in-depth study and exposure to health careers, career planning, employability skills, medical terminology, ethics, wellness vs. illness, and safety. This class also offers First Aid and CPR/AED training and certification.

**COURSE NOTE:** Success Indicators: Has interest in the medical field, enjoys hands on learning

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

### **CTE344 NUTRITION AND WELLNESS**

Learn about the role nutrition plays in your overall health. Topics covered include nutritional needs, diet analysis, planning balanced meals, the digestive system, and nutrition careers. Students will analyze food choices and physical activities to make recommendations for a healthy life-style. During the course students will also analyze knowledge about long range impact of drugs, alcohol and tobacco use. Success Indicators: Works well in groups (food labs), computer skills, and time management skills.

**COURSE NOTE:** Success Indicators: Works well in groups (food labs), computer skills, time management skills

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

### **CTE335 SPORTS MEDICINE I**

This course will provide students with an overview of the field of sports medicine. The course is specifically geared for students who have a special interest in athletics, and/or who may be interested in pursuing a career in sports medicine,

physical therapy, athletic training or other health related fields. Success Indicators: Has an interest in the medical field, and enjoys hands-on learning and works well in groups.

**COURSE NOTE:** Success Indicators: Has interest in the medical field, enjoys hands on learning, works well in groups

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE337 - SPORTS MEDICINE I

### **CTE337 SPORTS MEDICINE I**

This course will provide students with an overview of the field of sports medicine. The course is specifically geared for students who have a special interest in athletics, and/or who may be interested in pursuing a career in sports medicine, physical therapy, athletic training or other health related fields. Success Indicators: Has an interest in the medical field, and enjoys hands-on learning and works well in groups.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE335 - SPORTS MEDICINE I

### **CTE099 ANATOMY AND PHYSIOLOGY**

In this course, students will study the structure and function of the 11 body systems. This course is recommended for students interested in medical, dental, veterinary, or physical education careers. Success Indicators: Students should have an interest in the medical field, strong study habits, and works well in groups.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

### **PED160 ANYTIME FITNESS**

This course meets at Anytime Fitness on Mondays and Wednesdays, and is designed for the motivated OHS fitness student. Community gym etiquette, cardio-respiratory endurance, muscular strength and endurance, flexibility, body composition and fitness goal setting will be the major focus in this course. Court and field sports are also included.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

### **PED165 SPORTS AND RECREATION**

The goal of this course is to promote physical fitness through a variety of fitness activities and sport units. Team sports will be a main focus. Skill development, teamwork, and knowledge of the sport will be a priority. Fitness activities may include aerobics, team activities, weight training, yoga, and other group exercises. Sport units may include badminton, basketball, flag football, pickleball, softball, handball, rugby, ultimate frisbee, hockey and volleyball. Sport education and fitness components will be discussed and reviewed in detail.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

### **CTE340 SPORTS MEDICINE II**

This is an advanced course for students who are interested in the career field of sports medicine. This course is specifically geared for students who have a special interest in athletics, and/or who may be interested in pursuing a career in sports medicine, physical therapy, athletic training or other health-related fields. Success Indicators: Has interest in the medical field, enjoys hands-on learning, and works well in groups.

**COURSE NOTE:** Success Indicators: Has interest in the medical field, enjoys hands on learning, works well in groups

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**PREREQUISITE:** Sports Medicine I or instructor permission.

**COREQUISITES:** If you take this course, you must also take CTE342 - SPORTS MEDICINE II

### **CTE342 SPORTS MEDICINE II**

This is an advanced course for students who are interested in the career field of sports medicine. This course is

specifically geared for students who have a special interest in athletics, and/or who may be interested in pursuing a career in sports medicine, physical therapy, athletic training or other health-related fields. Success Indicators: Has interest in the medical field, enjoys hands-on learning, and works well in groups.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE340 - SPORTS MEDICINE II

### **PED152 WEIGHTS AND FITNESS**

This course introduces students to basic weight training with the program Bigger, Faster, Stronger. Cardio respiratory principles, court and field games, safety principals, human physiology, muscle power, flexibility, and endurance are used in planning personal fitness goals for each student.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

### **PED153 ZERO HOUR WEIGHTS**

This course introduces students to basic weight training with the program Bigger, Faster, Stronger. Cardio respiratory principles, court and field games, safety principals, human physiology, muscle power, flexibility, and endurance are used in planning personal fitness goals for each student.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

## **MATHEMATICS**

### **MTH111 INT MATH I S1**

In Integrated Mathematics I, students will study linear and exponential equations and functions. Students will use linear regression and perform data analysis. They will also learn about geometry topics such as simple proofs, congruence, and transformations.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-10

**COREQUISITES:** If you take this course, you must also take MTH112 - INT MATH I S2

### **MTH113 INT MATH II S1**

Integrated Mathematics II expands into quadratic, absolute value, and other functions. Students will also explore polynomial equations and factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles, and three-dimensional figures.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-11

**COREQUISITES:** If you take this course, you must also take MTH114 - INT MATH II S2

### **MTH114 INT MATH II S2**

Integrated Mathematics II expands into quadratic, absolute value, and other functions. Students will also explore polynomial equations and factoring, and probability and its applications. Coverage of geometry topics extends to polygon relationships, proofs, similarity, trigonometry, circles, and three-dimensional figures.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-11

**COREQUISITES:** If you take this course, you must also take MTH113 - INT MATH II S1

**MTH112 INT MATH I S2**

In Integrated Mathematics I, students will study linear and exponential equations and functions. Students will use linear regression and perform data analysis. They will also learn about geometry topics such as simple proofs, congruence, and transformations.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take MTH111 - INT MATH I S1

**MTH117 INTEGRATED MATH III S1**

In Integrated Mathematics III, students will expand their understanding of area and volume with geometric modeling, which students will apply throughout the course as they learn new types of functions. Students will study polynomial, radical, logarithmic, rational, and trigonometric functions. They will also learn how visual displays and statistics relate to different types of data and probability distributions.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take MTH118 - INTEGRATED MATH III S2

**MTH118 INTEGRATED MATH III S2**

In Integrated Mathematics III, students will expand their understanding of area and volume with geometric modeling, which students will apply throughout the course as they learn new types of functions. Students will study polynomial, radical, logarithmic, rational, and trigonometric functions. They will also learn how visual displays and statistics relate to different types of data and probability distributions.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take MTH117 - INTEGRATED MATH III S1

**MTH106 PRE-CALCULUS**

This course is designed for college-bound students. Topics covered include linear equations, functions, polynomial and rational functions, exponential and logarithmic functions, and trigonometry (functions, analytic and applications). Scientific, engineering and business applications will be stressed. If time allows, the class will end with an introduction into calculus through limits and derivatives. A graphing calculator is required; a TI-83, TI-84 or TI-89 is recommended. If you are unable to obtain a graphing calculator, you may be able to check one out for term, based on availability.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**PREREQUISITE:** MTH102 - ALGEBRA II

**COREQUISITES:** If you take this course, you must also take MTH107 - PRE-CALCULUS

**MTH107 PRE-CALCULUS**

This course is designed for college-bound students. Topics covered include linear equations, functions, polynomial and rational functions, exponential and logarithmic functions, and trigonometry (functions, analytic and applications). Scientific, engineering and business applications will be stressed. If time allows, the class will end with an introduction into calculus through limits and derivatives. A graphing calculator is required; a TI-83, TI-84 or TI-89 is recommended. If you are unable to obtain a graphing calculator, you may be able to check one out for term, based on availability.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take MTH106 - PRE-CALCULUS

**MTH115 AP CALCULUS AB**

This class is designed for college-bound students. Students will continue the study of functions, especially business, economics and science applications. Topics include functions and their graphs, differential and integral calculus of functions of a single variable, exponential and logarithmic functions, and partial derivatives. We will study standard

applications of optimization, related rates, volumes of solids and rotation, and separable differential equations. A graphic calculator is required; a TI-83, TI-84, TI-89 is recommended. . If you are unable to obtain a graphing calculator, you may be able to check one out for term, based on availability Students may take the AP exam at end of course in which college credit may be earned (test fee applies).

**COURSE NOTE:** SUCCESS INDICATORS: ABILITY TO COMPLETE HOMEWORK WITH REGULARITY; ENJOYS MATH. \$7/WORKBOOK.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 11-12

**PREREQUISITE:** MTH106 - PRE-CALCULUS

**COREQUISITES:** If you take this course, you must also take MTH116 - AP CALCULUS AB

### **MTH116 AP CALCULUS AB**

This class is designed for college-bound students. Students will continue the study of functions, especially business, economics and science applications. Topics include functions and their graphs, differential and integral calculus of functions of a single variable, exponential and logarithmic functions, and partial derivatives. We will study standard applications of optimization, related rates, volumes of solids and rotation, and separable differential equations. A graphic calculator is required; a TI-83, TI-84, TI-89 is recommended. . If you are unable to obtain a graphing calculator, you may be able to check one out for term, based on availability Students may take the AP exam at end of course in which college credit may be earned (test fee applies).

**COURSE NOTE:** SUCCESS INDICATORS: ABILITY TO COMPLETE HOMEWORK WITH REGULARITY; ENJOYS MATH.\$7/WORKBOOK.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take MTH115 - AP CALCULUS AB

### **CTE003 CONSUMER MATH III S1**

This course focuses on the application of mathematics and statistics to the finance industry, including the development, critique, and use of various financial models. The course includes instruction in probability theory; statistical analysis; and numerical, computation, and simulation methods. Students will learn about stochastic processes, economics, financial literacy, financial markets, and financial applications.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take CTE004 - CONSUMER MATH III S2

### **CTE004 CONSUMER MATH III S2**

This course focuses on the application of mathematics and statistics to the finance industry, including the development, critique, and use of various financial models. The course includes instruction in probability theory; statistical analysis; and numerical, computation, and simulation methods. Students will learn about stochastic processes, economics, financial literacy, financial markets, and financial applications.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take CTE003 - CONSUMER MATH III S1

### **MTH160 COLLEGE READY ALGEBRA S1**

This course is for 12th grade students who want to pursue math to prepare for the transition to college or community college, but may not feel ready for Pre-Calculus or AP Stats. Students who take this class will work on skill building to be successful in Math101 at the college level. Students will work toward mastery of Algebra concepts in order to improve confidence during the first year of college. This course does fulfill a 3rd year math requirement, but students must complete Algebra 2 prior to taking.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

**PREREQUISITE:** MTH102 - ALGEBRA II **or** MTH103 - ALGEBRA II **or** CTE005 - APPLIED MATH ALGEBRA 2 S1 **or** CTE006 - APPLIED MATH ALGEBRA 2 S2

**COREQUISITES:** If you take this course, you must also take MTH161 - COLLEGE READY ALGEBRA S2

**MTH161 COLLEGE READY ALGEBRA S2**

No description available

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take MTH160 - COLLEGE READY ALGEBRA S1

**OTHER**

These courses do not satisfy a CTE graduation requirement and count toward one of the four general elective spots a student can take toward the 24 credit graduation requirement.

**ELE120 COUNSELING CENTER AIDE**

Each student aide position has its own criteria and requirements. You must have a 2.0 accumulated GPA and not have more than three TA positions during your junior and senior year. Attendance is critical, more than 10 days absent per term constitutes a failing grade. Aides receive a pass/fail grade.

**COURSE NOTE:** BY APPROVAL ONLY

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**PREREQUISITE:** Application Process Required.

**CTE414 EARLY CHILDHOOD EDUCATION EXPERIENCE**

This class is for people who are considering a career in education. Students are placed within classroom setting in which the peer tutor excels. Peer tutors will be interacting and working with students in completing coursework and classroom based tasks. Students will be required to complete coursework in preparation of the Praxis® ParaPro certification exam.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**ELE104 LIBRARY AIDE**

Student aides assist the library staff in functioning of library/media services. Aides are expected to provide efficient and courteous service to all students, staff members, and visitors. Duties may include checking out/checking in library materials, re-shelving books and magazines, preparing new materials, and repairing damaged books and magazines. Attendance is critical, more than 10 days absent per term constitutes a failing grade. Aides receive a pass/fail grade.

**COURSE NOTE:** BY APPROVAL ONLY

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**PREREQUISITE:** Application Process Required.

**ELE108 OFFICE AIDE**

Each student aide position has its own criteria and requirements. You must have a 2.0 accumulated GPA and not have more than three TA positions during your junior and senior year. Attendance is critical, more than 10 days absent per term constitutes a failing grade. Aides receive a pass/fail grade.

**COURSE NOTE:** BY APPROVAL ONLY

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**PREREQUISITE:** Application Process Required.

**ELE800 WORK BASED LEARNING**

Students must be employed or have and be 16 years old when they register for a work-based learning experience. A learning plan, agreement, application, and documentation of new employee orientation are required. Students must provide their own transportation to their job site and employers must adhere to state and federal laws. Students must complete 180 hours of paid work for each .5 credit.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

## SCIENCE

### SCI004 PHYSICAL SCIENCE

This course will study non-living matter and how it relates to chemistry, physics, earth's processes, space and atmosphere, as well as the mathematics involved. Students will be exposed to methods of science, the SI system, careers in science, basic laws of energy and motion, matter and its behaviors, waves, properties of sound and light, electricity, magnetism, physical study of the earth, and non-living natural resources.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9

**COREQUISITES:** If you take this course, you must also take SCI005 - PHYSICAL SCIENCE

### SCI005 PHYSICAL SCIENCE

This course will study non-living matter and how it relates to chemistry, physics, earth's processes, space and atmosphere, as well as the mathematics involved. Students will be exposed to methods of science, the SI system, careers in science, basic laws of energy and motion, matter and its behaviors, waves, properties of sound and light, electricity, magnetism, physical study of the earth, and non-living natural resources.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9

**COREQUISITES:** If you take this course, you must also take SCI004 - PHYSICAL SCIENCE

### CTE071 AP COMPUTER SCIENCE PRINCIPLES

This full year course prepares students for the AP® test in computer science. Topics covered will include Java programming language, search, sorting, object oriented programming, program implementation, program analysis and standard algorithms.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE072 - AP COMPUTER SCIENCE PRINCIPLES

### CTE072 AP COMPUTER SCIENCE PRINCIPLES

This full year course prepares students for the AP® test in computer science. Topics covered will include Java programming language, search, sorting, object oriented programming, program implementation, program analysis and standard algorithms.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE071 - AP COMPUTER SCIENCE PRINCIPLES

### SCI155 AP ENVIRONMENTAL SCIENCE

This course is a rigorous, college level course and requires higher levels of thinking and work load. Completion of the Advanced Placement Exam is expected. Advanced Placement Environmental Science provides 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.

**COURSE NOTE:** Success Criteria: Strong Study Habits

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 9-12

**PREREQUISITE:** Commitment to invest the time necessary to perform at a rigorous academic level.

**COREQUISITES:** If you take this course, you must also take SCI156 - AP ENVIRONMENTAL SCIENCE

**SCI156 AP ENVIRONMENTAL SCIENCE**

This course is a rigorous, college level course and requires higher levels of thinking and work load. Completion of the Advanced Placement Exam is expected. Advanced Placement Environmental Science provides 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.

**COURSE NOTE:** Success Indicators: Strong Study Habits.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 9-12

**PREREQUISITE:** Commitment to invest the time necessary to perform at a rigorous academic level.

**COREQUISITES:** If you take this course, you must also take SCI155 - AP ENVIRONMENTAL SCIENCE

**CTE038 GREENHOUSE SCIENCE S1**

This introductory horticulture course focuses on the scientific principles related to the cultivation of garden and ornamental plants. Includes instruction in specific types of plants; various propagation techniques for different horticultural plant varieties; physiology of horticultural species; and the management of plant development and production. The course is project based with hands on activities both in and out of the classroom including work in the greenhouses and garden plots.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE039 - GREENHOUSE SCIENCE S2

**CTE039 GREENHOUSE SCIENCE S2**

This introductory horticulture course focuses on the scientific principles related to the cultivation of garden and ornamental plants. Includes instruction in specific types of plants; various propagation techniques for different horticultural plant varieties; physiology of horticultural species; and the management of plant development and production. The course is project based with hands on activities both in and out of the classroom including work in the greenhouses and garden plots.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take CTE038 - GREENHOUSE SCIENCE S1

**CTE406 STEM 1**

STEM 1 is designed to provide a common entry point into a pre-engineering pathway for students interested in careers in aerospace, robotics, CAD, CNC, manufacturing, machining, electronics, architecture, fabrication, engineering and other STEM related fields. In this introductory course, students will build foundational skills such as precision measurement, technical drawing, engineering design, computer aided drafting, 3-D printing and design, simple electronics, programming video analysis and safe tool use while completing a variety of projects from many different STEM fields. Students will learn and apply the basics of 3-D printing, laser engraving, soldering, hand tool use and materials science as needed to prototype designs. \*\*\*\*If you have previously taken any of the following courses: Aerospace, Rocketry or Robotics 1 or 2, Register for STEM 2 instead of this course

**COURSE NOTE:** If you have previously taken any of the following courses: Aerospace, Rocketry or Robotics 1 or 2, Register for STEM 2 instead of this course

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**CTE407 STEM 2**

STEM 2 is designed to provide STEM pathway students an opportunity to deepen their understanding of the science behind mechanical systems. In STEM 2 students will use project based learning to explore how a system (i.e. robot, rocket, aircraft, electronic circuit) behaves and then apply this knowledge to solving related engineering problems. Some potential phenomena are torque, friction, momentum, stability, mechanical advantage, electrical resistance and efficiency. In addition, students will continue to build upon the skills learned in STEM 1 such as precision measurement, technical

drawing, engineering design, computer aided drafting, 3-D printing and design, simple electronics, programming video analysis and safe tool use. \*\*\*\*If you have previously taken 2 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2, Register for STEM 3 instead of this course.

**COURSE NOTE:** If you have previously taken 1 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2, you can take this course.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**PREREQUISITE:** CTE066 - INTRODUCTION TO ROBOTICS **or** CTE067 - ROBOTICS I **or** CTE070 - ROBOTICS II **or** CTE354 - INTRODUCTION TO AEROSPACE TECHNOLOGY **or** CTE355 - INTRODUCTION TO AEROSPACE TECHNOLOGY **or** CTE406 - STEM 1

### **SCI006 BIOLOGY**

The course objective is to develop an understanding of biological concepts. The concepts are developed through observation, inquiry, problem solving, and interpretation of data. Areas of study include cell structure and function, cellular reproduction, biochemistry, diversity of life, genetics, general ecology and environmental issues. Skills in problem solving, use of the microscope, basic observation, and identification along with computations, as well as some graphing will be developed. Note: This course is a laboratory science class, which fulfills both high school graduation and college entrance requirements.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10

**PREREQUISITE:** PHYSICAL SCIENCE RECOMMENDED.

**COREQUISITES:** If you take this course, you must also take SCI007 - BIOLOGY

### **SCI007 BIOLOGY**

The course objective is to develop an understanding of biological concepts. The concepts are developed through observation, inquiry, problem solving, and interpretation of data. Areas of study include cell structure and function, cellular reproduction, biochemistry, diversity of life, genetics, general ecology and environmental issues. Skills in problem solving, use of the microscope, basic observation, and identification along with computations, as well as some graphing will be developed. Note: This course is a laboratory science class, which fulfills both high school graduation and college entrance requirements.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10

**COREQUISITES:** If you take this course, you must also take SCI006 - BIOLOGY

### **CTE099 ANATOMY AND PHYSIOLOGY**

In this course, students will study the structure and function of the 11 body systems. This course is recommended for students interested in medical, dental, veterinary, or physical education careers. Success Indicators: Students should have an interest in the medical field, strong study habits, and works well in groups.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

### **SCI122 AP BIOLOGY**

This course is designed to be the equivalent of a college level introductory Biology course. A student who earns a score of 4 or 5 on the AP exam may earn up to 1 year of college biology or elective credit. Students who are successful in AP biology exhibit the following characteristics: a desire to pursue a STEM career (Science, Technology, Engineering, Math), ability to read a minimum of two chapters of a college textbook per week, good organization and time management skills, and a willingness to ask for help when needed. This course will have a WA State required end of course assessment for all 10th grade students. Two main goals of AP Biology are to develop a firm foundational knowledge of modern biological concepts such as organization, regulation, interdependence, and evolution of living things AND mastery of a variety of laboratory techniques required for success in college science classes. Students who sign up for AP Biology are agreeing to complete a summer reading assignment and commit to completion of the curriculum.

**COURSE NOTE:** Success Criteria: Strong Study Habits

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 10-12

**PREREQUISITE:** Commitment to invest the time necessary to perform at a rigorous academic level. Minimum two chapters of college text reading per week.

**COREQUISITES:** If you take this course, you must also take SCI123 - AP BIOLOGY

### **SCI123 AP BIOLOGY**

This course is designed to be the equivalent of a college level introductory Biology course. A student who earns a score of 4 or 5 on the AP exam may earn up to 1 year of college biology or elective credit. Students who are successful in AP biology exhibit the following characteristics: a desire to pursue a STEM career (Science, Technology, Engineering, Math), ability to read a minimum of two chapters of a college textbook per week, good organization and time management skills, and a willingness to ask for help when needed. This course will have a WA State required end of course assessment for all 10th grade students. Two main goals of AP Biology are to develop a firm foundational knowledge of modern biological concepts such as organization, regulation, interdependence, and evolution of living things AND mastery of a variety of laboratory techniques required for success in college science classes. Students who sign up for AP Biology are agreeing to complete a summer reading assignment and commit to completion of the curriculum.

**COURSE NOTE:** Success Indicators: Strong Study Habits

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 10-12

**PREREQUISITE:** Commitment to invest the time necessary to perform at a rigorous academic level. Minimum two chapters of college text reading per week.

**COREQUISITES:** If you take this course, you must also take SCI122 - AP BIOLOGY

### **CTE402 AP COMPUTER SCIENCE A**

In Computer Science A, we will explore the Java object oriented programming language and how programs actually work. We will create our own programs ranging from basic calculators to simple graphics-based games. Motivated students will be prepared to take the Advanced Placement A exam at the end of the year. Credit from this course can be applied to Career and Technical Education and Math. Please note that cross-crediting DOES NOT APPLY FOR MEETING MINIMUM CORE REQUIREMENTS FOR COLLEGES. In addition to earning high school credit, students can receive advanced standing or college credit by earning a qualifying score on the AP exam administered in May. This test costs approximately \$103, although financial assistance is available for those on free or reduced lunch. AP credit transfers to most public and private colleges and universities.

**COURSE NOTE:** Success Criteria:

Willingness to work outside of class on projects

Desire for a career in technology, game design, electronic device design, science, mathematics, robotics, engineering, computer modeling, economics, e-commerce, space exploration, medical devices or manufacturing.

Ability to overcome frustration and persevere to solve a problem—not afraid to make a mistake.

Willingness to work individually and in groups with attention to details while also keeping in mind the overall

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE403 - AP COMPUTER SCIENCE A

### **CTE403 AP COMPUTER SCIENCE A**

In Computer Science A, we will explore the Java object oriented programming language and how programs actually work. We will create our own programs ranging from basic calculators to simple graphics-based games. Motivated students will be prepared to take the Advanced Placement A exam at the end of the year. Credit from this course can be applied to Career and Technical Education and Math. Please note that cross-crediting DOES NOT APPLY FOR MEETING MINIMUM CORE REQUIREMENTS FOR COLLEGES. In addition to earning high school credit, students can receive advanced standing or college credit by earning a qualifying score on the AP exam administered in May. This test costs approximately \$103, although financial assistance is available for those on free or reduced lunch. AP credit transfers to most public and private colleges and universities.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE402 - AP COMPUTER SCIENCE A

### **CTE041 GREENHOUSE MANAGEMENT S1**

This course introduces students to the use of a greenhouse and related equipment to manipulate the environment in the

production of greenhouse crops: flowers, vegetables, and household plants. Attention is also given to the entrepreneurial business and retailing of crops grown.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE042 - GREENHOUSE MANAGEMENT S2

### **CTE042 GREENHOUSE MANAGEMENT S2**

This course introduces students to the use of a greenhouse and related equipment to manipulate the environment in the production of greenhouse crops: flowers, vegetables, and household plants. Attention is also given to the entrepreneurial business and retailing of crops grown.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take CTE041 - GREENHOUSE MANAGEMENT S1

### **CTE408 STEM 3**

STEM 3 represents the capstone of the STEM pathway. Students in STEM 3 should have a strong idea of their career field of interest and as a result will spend the year engaged in topic specific research, engineering design, prototyping and testing. Students in STEM 3 should be prepared to work in a small group, or individually depending on the topic of interest. Students in STEM 3 will build advanced skills in problem solving, engineering design, tool use, prototyping and testing as well as research, technical writing, citing sources and keeping an engineering notebook. Students in STEM 3 are expected to showcase their projects through competition in a regional STEM competition and will be required to work with an industry mentor. (Students will be assisted in finding mentors) \*\*\*\*You should only register for this course if you have previously taken 2 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2. Success Indicators: For STEM 1, 2 and 3 - To be successful in STEM 3, students should have a strong desire for a career in a STEM related field, be willing to learn from mistakes, like solving problems, and enjoy learning new skills like soldering, computer aided drafting and working with hand tools. In addition, students in STEM 3 should like working in teams, be capable of working independently and be willing to communicate ideas through both written reports and oral presentations. Lastly, students should expect to adhere to all health and safety regulations and classroom rules

**COURSE NOTE:** You should only register for this course if you have previously taken 2 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**PREREQUISITE:** CTE067 - ROBOTICS I **or** CTE070 - ROBOTICS II **or** CTE354 - INTRODUCTION TO AEROSPACE TECHNOLOGY **or** CTE355 - INTRODUCTION TO AEROSPACE TECHNOLOGY **or** CTE407 - STEM 2

**COREQUISITES:** If you take this course, you must also take CTE409 - STEM 3

### **CTE409 STEM 3**

STEM 3 represents the capstone of the STEM pathway. Students in STEM 3 should have a strong idea of their career field of interest and as a result will spend the year engaged in topic specific research, engineering design, prototyping and testing. Students in STEM 3 should be prepared to work in a small group, or individually depending on the topic of interest. Students in STEM 3 will build advanced skills in problem solving, engineering design, tool use, prototyping and testing as well as research, technical writing, citing sources and keeping an engineering notebook. Students in STEM 3 are expected to showcase their projects through competition in a regional STEM competition and will be required to work with an industry mentor. (Students will be assisted in finding mentors) \*\*\*\*You should only register for this course if you have previously taken 2 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2. Success Indicators: For STEM 1, 2 and 3 - To be successful in STEM 3, students should have a strong desire for a career in a STEM related field, be willing to learn from mistakes, like solving problems, and enjoy learning new skills like soldering, computer aided drafting and working with hand tools. In addition, students in STEM 3 should like working in teams, be capable of working independently and be willing to communicate ideas through both written reports and oral presentations. Lastly, students should expect to adhere to all health and safety regulations and classroom rules

**COURSE NOTE:** You should only register for this course if you have previously taken 2 or more of the following courses: Aerospace, Rocketry or Robotics 1 or 2.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**PREREQUISITE:** CTE066 - INTRODUCTION TO ROBOTICS **or** CTE067 - ROBOTICS I **or** CTE070 - ROBOTICS II **or** CTE354 - INTRODUCTION TO AEROSPACE TECHNOLOGY **or** CTE355 - INTRODUCTION TO AEROSPACE TECHNOLOGY

**COREQUISITES:** If you take this course, you must also take CTE408 - STEM 3

**CTE353 BIOTECHNOLOGY S1**

This course will explore the world of biotechnology. Students will dig into the properties of DNA to understand forensics, cloning, genetic engineering and microbiology. Hands on laboratory activities will show students how these topics are used in many biomedical professions and explore the interest areas of CSI (crime scene investigation) and genetics research. Students will have the opportunity to join the Technology Student organization. This organization is dedicated to helping young people prepare for future career opportunities.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**PREREQUISITE:** Biology

**COREQUISITES:** If you take this course, you must also take CTE351 - BIOTECHNOLOGY S2

**CTE351 BIOTECHNOLOGY S2**

This course will explore the world of biotechnology. Students will dig into the properties of DNA to understand forensics, cloning, genetic engineering and microbiology. Hands on laboratory activities will show students how these topics are used in many biomedical professions and explore the interest areas of CSI (crime scene investigation) and genetics research. Students will have the opportunity to join the Technology Student organization. This organization is dedicated to helping young people prepare for future career opportunities.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take CTE353 - BIOTECHNOLOGY S1

**SCI101 CHEMISTRY**

This course is recommended for college-bound students. Students will study of the structure and properties of matter. Topics covered include measurements and calculations, atomic structure, periodic table, chemical bonding, chemical equations and reactions, stoichiometry, gases, solutions, acids and bases, and organic chemistry. This course is a laboratory science class, which fulfills both high school graduation and college entrance requirements. A scientific calculator is required.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SCI102 - CHEMISTRY

**SCI102 CHEMISTRY**

This course is recommended for college-bound students. Students will study of the structure and properties of matter. Topics covered include measurements and calculations, atomic structure, periodic table, chemical bonding, chemical equations and reactions, stoichiometry, gases, solutions, acids and bases, and organic chemistry. This course is a laboratory science class, which fulfills both high school graduation and college entrance requirements. A scientific calculator is required.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SCI101 - CHEMISTRY

**SCI109 PHYSICS**

This course is recommended for college-bound students. Students will study energy and the relations it has to matter. Topics include motion, vectors, forces, work, energy, momentum, gravity, fluid mechanics, heat, thermodynamics, waves, sound, light optics, electricity and circuits. This course is math intensive. A scientific calculator is required.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**PREREQUISITE:** ALGEBRA II AND CHEMISTRY.

**COREQUISITES:** If you take this course, you must also take SCI110 - PHYSICS

**SCI110 PHYSICS**

This course is recommended for college-bound students. Students will study energy and the relations it has to matter. Topics include motion, vectors, forces, work, energy, momentum, gravity, fluid mechanics, heat, thermodynamics, waves, sound, light optics, electricity and circuits. This course is math intensive. A scientific calculator is required.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take SCI109 - PHYSICS

**SOCIAL STUDIES****SOC010 AP WORLD HISTORY**

AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

**COURSE NOTE:** Success Indicators: Regardless of grade level or GPA, successful AP Social Studies students should have the ability to read college level text, a willingness to work hard, take constructive criticism, and have the capacity to organize and manage the increased workload.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 10

**COREQUISITES:** If you take this course, you must also take SOC011 - AP WORLD HISTORY

**SOC011 AP WORLD HISTORY**

AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

**COURSE NOTE:** Success Indicators: Regardless of grade level or GPA, successful AP Social Studies students should have the ability to read college level text, a willingness to work hard, take constructive criticism, and have the capacity to organize and manage the increased workload.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 10

**COREQUISITES:** If you take this course, you must also take SOC010 - AP WORLD HISTORY

**SOC050 WORLD HISTORY**

This course is a thorough survey course covering the time frame between the industrial revolution to modern times, both western and non-western worlds. Topics include: a study of regions, nations, and physical features of the world; the themes of world history; the industrial revolution; imperialism; the growth of democracy and nationalism; and the two world wars.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10

**COREQUISITES:** If you take this course, you must also take SOC051 - WORLD HISTORY

**SOC051 WORLD HISTORY**

This course is a thorough survey course covering the time frame between the industrial revolution to modern times, both western and non-western worlds. Topics include: a study of regions, nations, and physical features of the world; the themes of world history; the industrial revolution; imperialism; the growth of democracy and nationalism; and the two world wars.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10

**COREQUISITES:** If you take this course, you must also take SOC050 - WORLD HISTORY

**SOC060 AP U.S. HISTORY**

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: 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. **COURSE NOTE:** Success Indicators: Regardless of grade level or GPA, successful AP Social Studies students should have the ability to read college level text, a willingness to work hard, take constructive criticism, and have the capacity to organize and manage the increased workload.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 11

**COREQUISITES:** If you take this course, you must also take SOC061 - AP U.S. HISTORY

**SOC061 AP U.S. HISTORY**

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: 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. **COURSE NOTE:** Success Indicators: Regardless of grade level or GPA, successful AP Social Studies students should have the ability to read college level text, a willingness to work hard, take constructive criticism, and have the capacity to organize and manage the increased workload.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 11

**COREQUISITES:** If you take this course, you must also take SOC060 - AP U.S. HISTORY

**SOC055 US HISTORY**

In this course our focus will be to identify and analyze major concepts, people and events in U.S. History from Civil War and Reconstruction to the present. Topics include: review of the Civil War and Reconstruction; the rise of business and industry; immigration, urbanization, and reform; imperialism; US involvement in global conflicts; US economic prosperity and Depression; and others. By the end of the course students will be able to identify eras and themes, make connections to the world today, and be able to defend historical claims with evidence, and reasoning.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11

**COREQUISITES:** If you take this course, you must also take SOC056 - US HISTORY

**SOC056 US HISTORY**

In this course our focus will be to identify and analyze major concepts, people and events in U.S. History from Civil War and Reconstruction to the present. Topics include: review of the Civil War and Reconstruction; the rise of business and industry; immigration, urbanization, and reform; imperialism; US involvement in global conflicts; US economic prosperity and Depression; and others. By the end of the course students will be able to identify eras and themes, make connections to the world today, and be able to defend historical claims with evidence, and reasoning.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11

**COREQUISITES:** If you take this course, you must also take SOC055 - US HISTORY

**SOC125 AP US GOVERNMENT AND POLITICS**

A well-designed AP course in United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. While there is no single approach that an AP United States Government and Politics course must follow, students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Students are expected to take the AP exam in May.

**COURSE NOTE:** Success Indicators: Regardless of grade level or GPA, successful AP Social Studies students should have the ability to read college level text, a willingness to work hard, take constructive criticism, and have the capacity to organize and manage the increased workload.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take SOC126 - AP US GOVERNMENT AND POLITICS

**SOC126 AP US GOVERNMENT AND POLITICS**

A well-designed AP course in United States Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. While there is no single approach that an AP United States Government and Politics course must follow, students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Students are expected to take the AP exam in May.

**COURSE NOTE:** Success Indicators: Regardless of grade level or GPA, successful AP Social Studies students should have the ability to read college level text, a willingness to work hard, take constructive criticism, and have the capacity to organize and manage the increased workload.

**CREDIT:** 0.5 **TYPE:** Advanced Placement **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take SOC125 - AP US GOVERNMENT AND POLITICS

**SOC100 CIVICS**

This course provides students with an understanding of the U.S. Government, its political system and current events to prepare them as active and informed citizens upon graduation. The course investigates foundations of systems of government then moves on to the U.S. Constitution and the principles of American democracy. Each branch of the federal government is studied and students share their understanding of concepts and their opinions through writing, presentations and classroom discussion. Important current events and issues are reviewed to increase student awareness of the challenges facing our government and society.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take CTE411 - ECONOMICS

**CTE411 ECONOMICS**

A course that focuses on what an Economy is and how it works. It addresses the study of the production, conservation and allocation of resources. This courses organizational frameworks include in economic theory, micro- and macro-

economics, comparative economic systems, money and banking systems and international economics. Economics is designed to give students the real world skills necessary to be informed and successful after high school.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take SOC100 - CIVICS

## WORLD LANGUAGE

### FOR110 AMERICAN SIGN LANGUAGE I

This course introduces students to the language and culture of deaf people. It will cover the study of basic expressive and receptive signing skills essential for communicating with Deaf and hard-of-hearing individuals. Students will learn grammar, signing parameters, vocabulary, sign choices, affect and idioms. Culture and history as well as Deaf norms will be covered. Students who qualify have the ability to receive 5 college credits through SCCC (fee applies).

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take FOR111 - AMERICAN SIGN LANGUAGE I

### FOR111 AMERICAN SIGN LANGUAGE I

This course introduces students to the language and culture of deaf people. It will cover the study of basic expressive and receptive signing skills essential for communicating with Deaf and hard-of-hearing individuals. Students will learn grammar, signing parameters, vocabulary, sign choices, affect and idioms. Culture and history as well as Deaf norms will be covered. Students who qualify have the ability to receive 5 college credits through SCCC (fee applies).

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take FOR110 - AMERICAN SIGN LANGUAGE I

### FOR120 SPANISH I

This course teaches student to comprehend and produce both oral and written Spanish language. The course focuses primarily on basic uses of the language, including basic conversation, the present tense, likes and dislikes, and personal characteristics. Cultural focus is basic geography of Spanish speaking countries. It will also cover major holidays, traditions and customs, as well as an introduction to art and history of the Spanish-speaking world.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take FOR121 - SPANISH I

### FOR121 SPANISH I

This course teaches student to comprehend and produce both oral and written Spanish language. The course focuses primarily on basic uses of the language, including basic conversation, the present tense, likes and dislikes, and personal characteristics. Cultural focus is basic geography of Spanish speaking countries. It will also cover major holidays, traditions and customs, as well as an introduction to art and history of the Spanish-speaking world.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 9-12

**COREQUISITES:** If you take this course, you must also take FOR120 - SPANISH I

### FOR112 AMERICAN SIGN LANGUAGE II

This course is a continuation of ASL I with greater emphasis on ASL grammar and concentrated effort to develop the student's expressive and receptive skills. Students will continue to explore general information about Deaf norms, culture and history. Students who qualify have the ability to receive 5 college credits through SCCC (fee applies).

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**PREREQUISITE:** FOR110 - AMERICAN SIGN LANGUAGE I

**COREQUISITES:** If you take this course, you must also take FOR113 - AMERICAN SIGN LANGUAGE II

### **FOR113 AMERICAN SIGN LANGUAGE II**

This course is a continuation of ASL I with greater emphasis on ASL grammar and concentrated effort to develop the student's expressive and receptive skills. Students will continue to explore general information about Deaf norms, culture and history. Students who qualify have the ability to receive 5 college credits through SCCC (fee applies).

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take FOR112 - AMERICAN SIGN LANGUAGE II

### **FOR122 SPANISH II**

This course expands on the basic uses of the language found in Spanish I, and includes a review of the present tense, reflexive constructions, preterit tense, commands, use of object pronouns, and an introduction to the imperfect. Themes covered include school and extracurricular activities, daily routines, shopping, communities, childhood, and medical problems. Culture will be tied to the vocabulary themes.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**PREREQUISITE:** FOR120 - SPANISH I

**COREQUISITES:** If you take this course, you must also take FOR123 - SPANISH II

### **FOR123 SPANISH II**

This course expands on the basic uses of the language found in Spanish I, and includes a review of the present tense, reflexive constructions, preterit tense, commands, use of object pronouns, and an introduction to the imperfect. Themes covered include school and extracurricular activities, daily routines, shopping, communities, childhood, and medical problems. Culture will be tied to the vocabulary themes.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 10-12

**COREQUISITES:** If you take this course, you must also take FOR122 - SPANISH II

### **FOR114 AMERICAN SIGN LANGUAGE III**

This course is a continuation of ASL II with more in-depth study of American Sign Language and Deaf culture, as well as grammatical understanding and interpreting skills. Greater attention is given to sign inflection, production, idiomatic conventions through meaningful conversation and context.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**PREREQUISITE:** FOR112 - AMERICAN SIGN LANGUAGE II

**COREQUISITES:** If you take this course, you must also take FOR115 - AMERICAN SIGN LANGUAGE III

### **FOR115 AMERICAN SIGN LANGUAGE III**

This course is a continuation of ASL II with more in-depth study of American Sign Language and Deaf culture, as well as grammatical understanding and interpreting skills. Greater attention is given to sign inflection, production, idiomatic conventions through meaningful conversation and context.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take FOR114 - AMERICAN SIGN LANGUAGE III

**FOR124 SPANISH III**

This course expands on the basic uses of the language found in Spanish I and Spanish II, and includes the use of the subjective, conditional, future and perfect tenses. Themes covered include food and cooking, social relations, personality, science, and nature. Cultural focus is on beginning level literature, with special emphasis on human interactions from throughout the Spanish-speaking world.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**PREREQUISITE:** FOR122 - SPANISH II

**COREQUISITES:** If you take this course, you must also take FOR125 - SPANISH III

**FOR125 SPANISH III**

This course expands on the basic uses of the language found in Spanish I and Spanish II, and includes the use of the subjective, conditional, future and perfect tenses. Themes covered include food and cooking, social relations, personality, science, and nature. Cultural focus is on beginning level literature, with special emphasis on human interactions from throughout the Spanish-speaking world.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 11-12

**COREQUISITES:** If you take this course, you must also take FOR124 - SPANISH III

**FOR116 AMERICAN SIGN LANGUAGE IV**

This course is a continuation of ASL III with more in-depth study and understanding of American Sign Language and Deaf culture. Students continue to learn how to express abstract concepts in ASL. This course is designed to continue building student vocabulary, develop greater fluency in expressive signing, and develop confidence in receptive skills. ASL IV has a large interpreting component in addition to other studies.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

**PREREQUISITE:** FOR114 - AMERICAN SIGN LANGUAGE III

**COREQUISITES:** If you take this course, you must also take FOR117 - AMERICAN SIGN LANGUAGE IV

**FOR117 AMERICAN SIGN LANGUAGE IV**

This course is a continuation of ASL III with more in-depth study and understanding of American Sign Language and Deaf culture. Students continue to learn how to express abstract concepts in ASL. This course is designed to continue building student vocabulary, develop greater fluency in expressive signing, and develop confidence in receptive skills. ASL IV has a large interpreting component in addition to other studies.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take FOR116 - AMERICAN SIGN LANGUAGE IV

**FOR126 SPANISH IV**

This course focuses on subtleties within the Spanish language. It includes present, past and future tenses, in all moods and in combination. Particular attention is paid to the use of pronouns and prepositions. Cultural focus is on current political, social, and economic issues relevant to Spanish-speaking countries.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

**PREREQUISITE:** FOR124 - SPANISH III

**COREQUISITES:** If you take this course, you must also take FOR127 - SPANISH IV

**FOR127 SPANISH IV**

This course focuses on subtleties within the Spanish language. It includes present, past and future tenses, in all moods and in combination. Particular attention is paid to the use of pronouns and prepositions. Cultural focus is on current political, social, and economic issues relevant to Spanish-speaking countries.

**CREDIT:** 0.5 **TYPE:** Regular **GRADE:** 12

**COREQUISITES:** If you take this course, you must also take FOR126 - SPANISH IV