



2026-2027
Course Catalog
Creswell High School

33390 Niblock Ln, Creswell, OR 97426

(541) 895-6020

Hello Creswell High School Families,

This Creswell High School Course Catalog is a unique collection of engaging, relevant, and inspiring opportunities. As you turn through these pages, imagine yourself, or your student, discussing literature, analyzing chemical elements, singing in choir, completing a Marketing competition, conversing in Español, solving algebraic equations, learning to use a table saw, and working out in weight-training class; and that's just first semester.

Welcome, students and families, to Creswell High School. Creswell is a proud community where we empower future leaders and lifelong learners, by inspiring students to thrive academically, professionally, and personally. Creswell High School is uniquely prepared to provide opportunities for the social, emotional, and intellectual growth necessary for post-high school success.

Curricular and Extracurricular Opportunities: Creswell High School offers learning opportunities geared for student interests and academic success.

- Our challenging and rigorous core academic classes are focused on skill building and relevancy. State requirements in mathematics and English, reading and writing, are met head-on with rich learning opportunities in all subjects from English to Welding. Reading and writing strategies are integrated across the curriculum, mathematics is aligned with State Standards, and our Science curriculum promotes critical thinking and problem-solving.
- Opportunities for Fine and Performing Arts are available in painting, ceramics, drawing, design, band, wind ensemble.
- Career technical education (CTE) pathways in 7 different fields - Construction And Architecture, Manufacturing And Metal Fabrication, Agriculture, Digital And Visual Arts, Early Childhood Education And Pre-Education, Business Management And Administration, And Health Sciences - round out our comprehensive course offerings.
- Athletics are encouraged and are strongly related to academic achievement – consider participation on our football team, soccer, basketball, softball, golf, track, tennis, volleyball, boys and girls wrestling, cross-country, baseball, and our cheerleading team.
- Club participation is related to achievement and civic participation and includes Peace Club, FBLA, and over 20 interest groups.

Creswell's teachers, counselors, administrators, and support staff are an amazing team of caring, compassionate, and committed professionals. Our team prides ourselves on our ability to cultivate healthy relationships and create an environment and community where we can all reach our highest aspirations.

Enjoy this curriculum guide and see yourself successful in the days and years ahead!

Dr. Chad R. Towe
Principal, Creswell High School

**Creswell High School
2026-2027
Course Catalog**

USING THIS COURSE CATALOG

Welcome to the CHS Course Catalog. The purpose of the Catalog is to provide students and families up to date information regarding Creswell High School's course offerings.

For each course listed, you'll find a brief description that will help each student make choices that are aligned with their interests and goals.

Students are encouraged to be well informed and to make thoughtful, responsible decisions regarding their high school education.

Course selections are made for the full academic year. Students in grades 9–11 are required to have a full schedule of 4 classes each quarter and 8 classes per semester.

Grades 9-11: Any Quarter schedule with fewer than four classes must receive administrative approval.

Grade 12: Any Quarter schedule with fewer than three classes must receive administrative approval.

Teachers, our counselor, and administrators are available to assist with course selection and long-term high school planning.

Parents with questions about their student's course selections are encouraged to contact the school counseling office.

This guide provides a list of courses available to high school students at Creswell High School.

Courses offered each semester depend on sufficient student enrollment, available facilities, and other factors involved in scheduling the educational program; **therefore, not all courses may be offered every year.**

The guide is organized by content areas such as Language Arts, Mathematics, Social Sciences, and others.

Both required and elective courses may be selected from any content area.

Each course listing includes the course title, prerequisites, and a brief description of the course content.

Additional information about specific courses may be obtained by contacting a counselor or school administrator.

Credit earned for successful completion of a course is applied to the content area in which the course is listed unless otherwise noted.

Equal opportunity is provided to all students in all courses, and federal law prohibits discrimination.

Students are encouraged to explore both Career Technical Education (CTE) and all academic course offerings.

Staff Contact Information

Front Office

Kristin Bielskis	kbielskis@crewell.k12.or.us	541-895-6025
Angie Frieze	afrieze@crewell.k12.or.us	541-895-6026

Administration

Principal: Dr. Chad R. Towe	ctowe@crewell.k12.or.us	541-895-6020
Asst. Principal: Kyle Kordon	kkordon@crewell.k12.or.us	541-895-6020

Counseling

Aaron Klein	aklein@crewell.k12.or.us	541-895-6020
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The Counseling Center supports students by providing academic, career, and personal guidance. Counselors meet with students to plan graduation, college and career goals, and class schedules. Parents are welcome to contact the CHS Counselor with questions, and students can see our counselor by appointment.

Teaching Staff

Liz Babbs lbabbs@crewell.k12.or.us	Liz Lacey elacey@crewell.k12.or.us
Patrick Doyle pdoyle@crewell.k12.or.us	Athena Lawson alawson@crewell.k12.or.us
Kyla Dozier kdozier@crewell.k12.or.us	Bill Martin bmartin@crewell.k12.or.us
Sean Dugas sdugas@crewell.k12.or.us	Erica Olson eolson@crewell.k12.or.us
Paul Goldspink pgoldspink@crewell.k12.or.us	Mona Stiffler mstiffler@crewell.k12.or.us
Deborah Handman dhandman@crewell.k12.or.us	Kelly Trant-Valley ktrantvalley@crewell.k12.or.us

<p>Jamie Harms jharms@creswell.k12.or.us</p> <p>Jesse Herren jherren@creswell.k12.or.us</p> <p>Mandy Hoggard mhoggard@creswell.k12.or.us</p> <p>Tyler Hollingsworth thollingsworth@creswell.k12.or.us</p> <p>Jennifer Jones jjones@creswell.k12.or.us</p>	<p>Kori Wanner kwanner@creswell.k12.or.us</p> <p>Jared Wolfsen jwolfsen@creswell.k12.or.us</p> <p>Scott Worsham sworsham@creswell.k12.or.us</p> <p>Josiah Wynn jwynn@creswell.k12.or.us</p>
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Support Staff

<p>Samantha Abshere sabshere@creswell.k12.or.us</p> <p>Kesch Allen kallen@creswell.k12.or.us</p> <p>Anna Delgado adelgado@creswell.k12.or.us</p> <p>Jennifer Dewey jdewey@creswell.k12.or.us</p> <p>Stacey Giles sgiles@creswell.k12.or.us</p> <p>Jessica Greene jgreene@creswell.k12.or.us</p> <p>Amanda Gutierrez agutierrez@creswell.k12.or.us</p> <p>Ryan Hisey rhisey@creswell.k12.or.us</p>	<p>Ginger Jones gjones@creswell.k12.or.us</p> <p>Jennifer Kinney jkinney@creswell.k12.or.us</p> <p>Holly Lee hlee@creswell.k12.or.us</p> <p>Jackie Odegaard jodegaard@creswell.k12.or.us</p> <p>Clint Schradle cschradle@creswell.k12.or.us</p> <p>Lisa Shank lshank@creswell.k12.or.us</p> <p>Jenessa Smith jsmith@creswell.k12.or.us</p>
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Graduation Requirements

CRESWELL HIGH SCHOOL Graduation Plan

A high school diploma will be awarded to students who complete a minimum of 25 credits according to the following table:

Subject Area	Number of Credits Needed
English	4 credits
Math	3 credits at Algebra I level and higher
Science	3 credits
Social Studies	3 credits in the following: 1.0 World History, 1.0 US History, 0.5 Econ, 0.5 Government
Health	1 credit 0.5 Health 1 , 0.5 Health 2
PE	1 credit
Personal Finance	0.5 credit
CTE, Fine Arts, or World Language	3 credits
HECPS	0.5 credit
Electives	6 credits
TOTAL	TOTAL FOR GRADUATION: 25 credits
Other graduation requirements:	Develop an education plan and build an education profile
	Demonstrate extended application through a collection of evidence (Senior Project)
	Participate in Career-Related Learning Experience

The district shall offer students credit options provided the method for obtaining such credit is described in the student's personal education plan and the credit is earned by meeting requirements described in OAR 581-022-1131.

The district may award a diploma to a student who does not satisfy the above requirements if the student has met or exceeded the academic content standards by a display of proficiency.

For information regarding Modified and Extended Diplomas, please see the Student Handbook.

FOUR YEAR FULL SCHEDULE			
9TH GRADE		10TH GRADE	
English Language Arts	1.0	English Language Arts	1.0
Math	1.0	Math	1.0
Science	1.0	Science	1.0
Health 1	1.0	Social Studies	1.0
P.E.	0.5	Electives	4.0
Explore Career Pathways	0.5		
Electives	3.0		
11TH GRADE		12TH GRADE	
English Language Arts	1.0	English Language Arts	1.0
Math	1.0	Personal Finance	0.5
Science	1.0	Health 2	0.5
Social Studies	1.0	Government	0.5
Electives	4.0	Economics	0.5
		Electives	5.0

Forecasting

High school forecasting begins in early spring and helps students and families plan for the upcoming school year. During this process, students review graduation requirements to ensure they remain on track to earn all required credits while also selecting elective courses that reflect their interests and future goals.

With guidance from our counselor and teachers, students choose from a wide range of options, including Core Content aligned to State Learning Standards, and Career and Technical Education (CTE) classes that provide hands-on, real-world learning experiences. These CTE opportunities allow students to explore career pathways, develop practical skills, and make meaningful connections between coursework and future plans. Choosing the right classes is a key part of this process, and students receive strong support throughout forecasting.

4 Quarters and 2 Semesters

Our school operates on a four-quarter schedule, with each quarter lasting approximately nine weeks. The first and second quarters make up the first semester, while the third and fourth quarters make up the second semester. Students will build schedules for all four quarters, keeping in mind that some courses are semester-long and earn 1.0 credit, while others are quarter-long courses earning 0.5 credit. Counselors and teachers are available to help families understand graduation requirements, course options, and credit planning, ensuring students create balanced schedules that support academic success and personal interests.

Advanced Coursework

Advanced coursework at Creswell High School is designed to prepare students for the expectations of college and career pathways. Honors classes, Advanced Placement (AP), and College Now (CN), courses help students develop strong academic habits, including critical thinking, writing, problem solving, time management, and independent learning skills.

Participation in these courses allows students to challenge themselves academically while potentially earning college credit.

ADVANCED COURSEWORK

Courses offer college-level learning experiences while students are still in high school. In classes, students engage in deeper analysis, collaborative problem solving, and advanced reading and writing. Many colleges and universities award college credit, Advanced Placement, or both based on Exam scores, allowing students to save tuition costs and explore advanced academic opportunities earlier.

COLLEGE NOW: DUAL CREDIT

College Now courses allow students to earn college credit while completing high school requirements. These courses may provide advanced standing or placement at Oregon public universities and community colleges. Course offerings and eligibility requirements are available through the counseling office and this course guide.

EXPANDED OPTIONS

The Expanded Options program allows eligible 11th and 12th grade students to take approved college courses at a local college or university that are not available at Creswell High School. When approved, tuition is covered through the LCC LEAP Program; families are responsible for fees, books and transportation. Interested students should meet with their school counselor to begin the application process.

HONORS LEVEL COURSES

An honors-level course is designed for students who are motivated, curious, and ready for a greater academic challenge. Students can expect a faster pace, deeper exploration of topics, and more emphasis on critical thinking, analysis, and discussion. Assignments may be more complex and independent, with higher expectations for organization, effort, and participation. The course encourages students to engage actively, think creatively, and take ownership of their learning.

Recognizing Academic Excellence at CHS

Creswell High School recognizes and celebrates students who demonstrate strong academic achievement, commitment, and engagement through a variety of honors and distinctions.

HONOR ROLL

Students earn Honor Roll recognition by achieving a semester GPA of 3.5 or higher. To be eligible, students must:

- Be enrolled in and pass at least four (4) classes during the semester
- Earn no more than one “P” (Pass) in a graded class

NATIONAL HONOR SOCIETY (NHS)

The National Honor Society recognizes students who demonstrate excellence in scholarship, leadership, character, and service. Students who maintain a 3.5 GPA or higher in graded classes may be considered for nomination during their junior year. Candidates must be members of the junior or senior class and meet additional NHS criteria. Students must earn 40 service hours per year.

SEAL OF BILITERACY

Students who demonstrate proficiency in two or more languages may earn the Seal of Biliteracy, which is placed on their diploma and may be used on college and employment applications. To earn the seal, students must successfully pass an approved language proficiency assessment (such as SLIP, STAMP, or CLEP), typically offered in the spring.

VALEDICTORIANS AND SALUTATORIANS

Creswell High School recognizes students who demonstrate exceptional academic achievement.

- Valedictorian(s): Those who earn the highest GPA in the graduating class.
- Salutatorian(s): Those who earn the second highest GPA in the graduating class.

CAREER TECHNICAL EDUCATION (CTE) COMPLETERS

A student who has earned 3 credits in a single CTE Program of Study, with at least 0.5 credit in an advanced course, and who has a reported CTE Work Based Learning (WBL) experience in that program (Bulldog Market).

College and Career Readiness

Creswell High School is committed to supporting all students as they clarify and plan for life after high school. Students use Wayfinder to explore interests, identify strengths, and set meaningful post-high school goals. They are encouraged to keep an open mind while aiming high and planning ambitiously for their future.

CHS's counselor works closely with students to support academic forecasting and course selection that align with individual post-high school goals. The College and Career Center provides guidance and resources to help students take concrete steps toward college, career, trade, or military pathways. Throughout the year, students have opportunities to attend presentations and events designed to prepare them for entering the workforce, skilled trades, and post-secondary institutions.

COLLEGE AND CAREER CENTER

The Creswell High School College and Career Center (CCC) is available to all students seeking support with post-high school planning. Students may access individual assistance during lunch hours and by appointment. A variety of print and online resources are available to support career exploration, college planning, financial aid, and scholarship searches.

Questions about college entrance requirements or post-high school planning can be directed to the College & Career Coordinator.

Creswell High School Post-High School Planning Nights (Check the Creswell High School website for exact dates)

- Financial Aid Night – September
- Scholarship Night – October
- FAFSA Completion Nights – Varies, October through December
- Creswell Family Information Night – April
- Junior Parent Night – April
- Career Fairs – Varies, April through June
- Scholarship & Awards Night – May

Dual Credit: Earning High School And College Credit

Creswell High School offers several courses to students with the option of earning college credits at the same time they are satisfying high school graduation requirements for free or with minimal cost in comparison to college tuition rates.

These options come from three different sources: 1) the College Now program through Lane Community College, 2) Willamette Promise through Western Oregon University, and 3) Advance Placement provided by The College Board.

College Now

College Now classes are approved by Lane Community College (LCC). These classes are taught by college-approved Creswell High School teachers using college course syllabi and covering the same content as LCC courses. College Now courses are completely free to students.

Students must meet certain grade thresholds in these classes to earn college credit, and must register for the credit in LCC's student portal. Registration will take place near the end of the course, and students who choose to register for the College Now credit will have their final grade recorded on their LCC transcript. If the student decides to not pursue the course for CN credit after registering for it, it is important that they contact the High School Connections office to drop the course by the College Now deadline. More information is available on the College Now website at lanecc.edu/collegenow.

In order to transfer credit to other colleges or universities, graduates will need to send both their Creswell High School transcript and their Lane Community College transcript to the college of choice. LCC transcripts can be ordered online at lanecc.edu/esfs/transcripts.

Early College/Expanded Options

Students will have the opportunity to participate in the Early College/Expanded Options Program through the Creswell School District and Lane Community College (LCC). This program allows high school students to enroll in a wide variety of LCC courses and gives students the experience of taking classes directly from college faculty. These LCC credits may also count towards high school graduation requirements. More information about the program is available at lanecc.edu/earlycollege.

To participate in the Early College program through Creswell School District, students must:

- Be enrolled in Creswell High School with junior or senior standing (during the 2026-2027 school year) and be at least 16 years old at the time of enrollment in the program.
- Complete the Early College Pre-Approval Application.

- Complete the Under 18 Student and Parent/Guardian Consent Form
- Have an educational learning plan based on postsecondary and career goals.
- Have not yet successfully completed four years of high school, nor received a high school diploma.
- Not be an international exchange student.
- Apply to Lane as an “Earn a Degree” student, complete enrollment steps.

Willamette Promise

Willamette Promise Willamette Promise classes are approved by Western Oregon University (WOU) and Oregon Institute of Technology (OIT) and offered through Willamette ESD. Creswell High School teachers receive training from Western Oregon University and Oregon Institute of Technology (OIT) offer college exams and assignments in the context of their advanced coursework. Students who pass these proficiency-based exams and assignments earn credit in 200 level WOU courses.

Willamette Promise offers an opportunity to take these courses for college credit. The late registration deadline enables students to take the majority of the class and attempt exams and assignments with no penalty before making a decision to register for the course. Registration for credit does have a cost at student expense, but the fees are minimal compared to the actual cost of college credit and reduced-cost vouchers are available to certain students.

AP Advanced Coursework

Advanced courses offer college credit through examination at the end of the year. Colleges offer credit for AP exam scores of varying threshold scores according to the college’s own policies. Students must pre-register for Advanced Placement testing months prior to the test at a cost to the student. Reduced-cost vouchers are available for certain students. AP test registration may be canceled, but with a penalty.

Students may take AP classes without taking the test, but only for high school credit. Some courses are not listed as AP classes, but offer the AP test as a class option. All CHS courses that offer the AP test as a course option are designed to prepare students for the AP test.

Post-Secondary Planning

Oregon Public Universities

Eastern Oregon University, Oregon Institute of Technology, Oregon State University, Portland State University, Southern Oregon University, University of Oregon, Western Oregon University

ADMISSION REQUIREMENTS All institutions conduct more comprehensive reviews of applicants who do not meet the minimum required GPA for admission. Most schools require a minimum 15 core academic units; 16 or more core units are recommended.

CORE SUBJECT REQUIREMENTS High school graduates need to satisfactorily complete at least 15 units of college preparatory high school classes (with one unit defined as the equivalent of one year or one credit). This must include 4 units of English, 3 units of Mathematics, 3 units of Science, 3 units of Social Studies, and 2 units of a World Language, with a grade of C- or above or demonstrated proficiency. Pass/No Pass grades and “D” grades in core subjects are not accepted for any of these subjects.

It is important to check the particular admissions requirements of any university or college (private or public) to which you are interested in applying. Note that many colleges require additional units in particular subject areas and some require additional credits in Fine Arts.

Planning For College

The Oregon University System limits admission to four-year universities to students who show promise of college success. Because requirements can change, students are encouraged to contact college admissions offices for the most current information. Admission to Oregon’s seven public colleges and universities is based on GPA and course completion and is subject to change. These schools and their current admission guidelines include:

- University of Oregon (U of O): 3.40 GPA and 15 academic units
- Eastern Oregon University (EOU): 2.75 cumulative GPA
- Oregon State University (OSU): 3.0 GPA
- Portland State University (PSU): 3.0 GPA
- Southern Oregon University (SOU): 3.0 GPA
- Western Oregon University (WOU): 3.0 GPA
- Oregon Institute of Technology (OIT): 3.0 GPA

Admission requirements for private colleges in Oregon vary, so students should check each school individually. Students planning to attend out-of-state colleges should expect higher tuition costs and should review admission deadlines and Western Undergraduate Exchange (WUE) requirements early in the year.

Students interested in attending college should meet with the CHS school counselor to discuss admission requirements, tuition and other costs, housing, and any other concerns. Early planning is strongly recommended, especially for colleges with selective admissions, as a carefully planned high school program and strong achievement in all subject areas may be required. Junior students are encouraged to speak with the College & Career Advisor if they are seriously interested in a specific college and want more information about admission policies.

SCHOLARSHIPS Scholarships, local, state, national, and institutional, are competitive. Some are based on achievement rather than financial need, and scholarships usually make up only part of a student's total financial aid. To be competitive, students should build a strong four-year academic record. Students should also know that many organizations and companies offer scholarships to students whose parents are employees or members, so checking with a school counselor is important. Students with strong skills in areas such as art or music should contact the specific college or university department for scholarship information.

Additional scholarship resources are widely available. Students are encouraged to use the Career Information System (CIS) financial aid search in the school library and bring any potential scholarships to the College and Career Center. There are also many online resources, and students should check the District College and Career Website regularly for updated opportunities.

FINANCIAL AID In Oregon, anyone applying for state aid must apply for the Free Application for Federal Student Aid (FAFSA). The FAFSA application is available October 1st each year, and must be completed each year a student is in higher education.

ADMISSIONS TEST REQUIREMENT Official scores of the Scholastic Assessment Test (SAT) or the American College Test (ACT) are optional for some four year universities. If you fall below the minimum GPA requirement for admission, your test scores may be used as a way to meet the GPA requirement. For most students, test scores are used primarily for guidance and placement purposes.

COMMUNITY COLLEGE ADMISSIONS Community colleges in Oregon do not require entrance exams, other than those administered by particular vocational departments and programs such as dental hygiene, nursing, etc. They will, however, require you to test for class placement (Math and Language Arts).

Common Schedule Change Questions

Parents and students sometimes request special scheduling considerations during course forecasting. While we understand these requests, schedule changes are generally limited to correcting errors. Student course selections are carefully reviewed, and the guidelines below address the most common questions.

Can my child request a specific teacher?

No. Requests for specific teachers are not permitted, as this practice makes it impossible to create balanced schedules for all students. All teachers are fully qualified in their subject areas.

What if my child has a concern with a teacher?

Families are encouraged to first address it directly with the teacher. If the concern is not resolved, a follow-up meeting may include working with the school counselor or administrator.

Can my child have an open period due to athletics or activities?

No. Many students participate in athletics and activities. Students should expect classes throughout the school day, including afternoon periods.

Can my child request a specific class at a specific time of day?

No. Course placement is based on availability and overall scheduling needs. Not all classes are offered every period.



CAREER TECHNICAL EDUCATION AT CRESWELL HIGH SCHOOL

What is CTE?

Career and Technical Education (CTE) in Oregon is hands-on learning that helps high school students gain real-world skills, explore careers, and prepare for jobs, college, or training after graduation by combining classroom learning with practical, career-focused experience.

What is a CTE Completer?

- A CTE Completer is a student who finishes all the required Career and Technical Education (CTE) classes in a CHS Pathway.
- To be considered a Completer, students take a sequence of CTE courses and earn 3 credits in that specific program with at least 0.5 credit in an advanced course, and who has a reported CTE Work Based Learning (WBL) experience in that program (Bulldog Market).
- A Completer earns a Certificate of CTE Program of Study Completion and earns an Honor Cord.

Graduation Rate of CTE Completers

Students who take Career and Technical Education (CTE) courses graduate at much higher rates than the statewide average. For example, students who completed two or more credits in an approved CTE Program of Study graduated at a rate of around 97%.

CRESWELL HIGH SCHOOL CTE PATHWAYS

Agriculture	Business Management Administration	Construction/Woods	Digital/Visual Arts
Principles of Agriculture A	Computer Basics	Woods 1	Drawing
Principles of Agriculture B	Accounting 1	Woods 2	Visual Communication Design
Natural Resource Management	Accounting 2	Building Construction A	Ceramics 1
Earth and Soil Science	Intro to Business	Building Construction B	Ceramics 2
Alternative Energy	Business Communications	Drafting	Fundamentals of Design
Woods 1	Applications of Marketing	CAD (Computer Automated Drafting)	Visual and Digital Arts: Independent Study
Computer Basics	Principles of Marketing	Drafting Projects- Ind. Study	Project Manager
Intro to Metals and Welding	Team Building	Shop Assistant	HTML: Web Design
Horticulture	Senior Business Management*	Computer Basics	
Plant Systems	Marketing Editor	Intro to Metals/Welding-S	
Ag Shop Assistant	Project Manager	Woods 3	
Wildfire Management A	HTML: Web Design	Project Manager	
Wildfire Management B	Personal Finance	HOPE	
Project Manager	Entrepreneurship		
Agriculture Independent Study			

CRESWELL HIGH SCHOOL CTE PATHWAYS

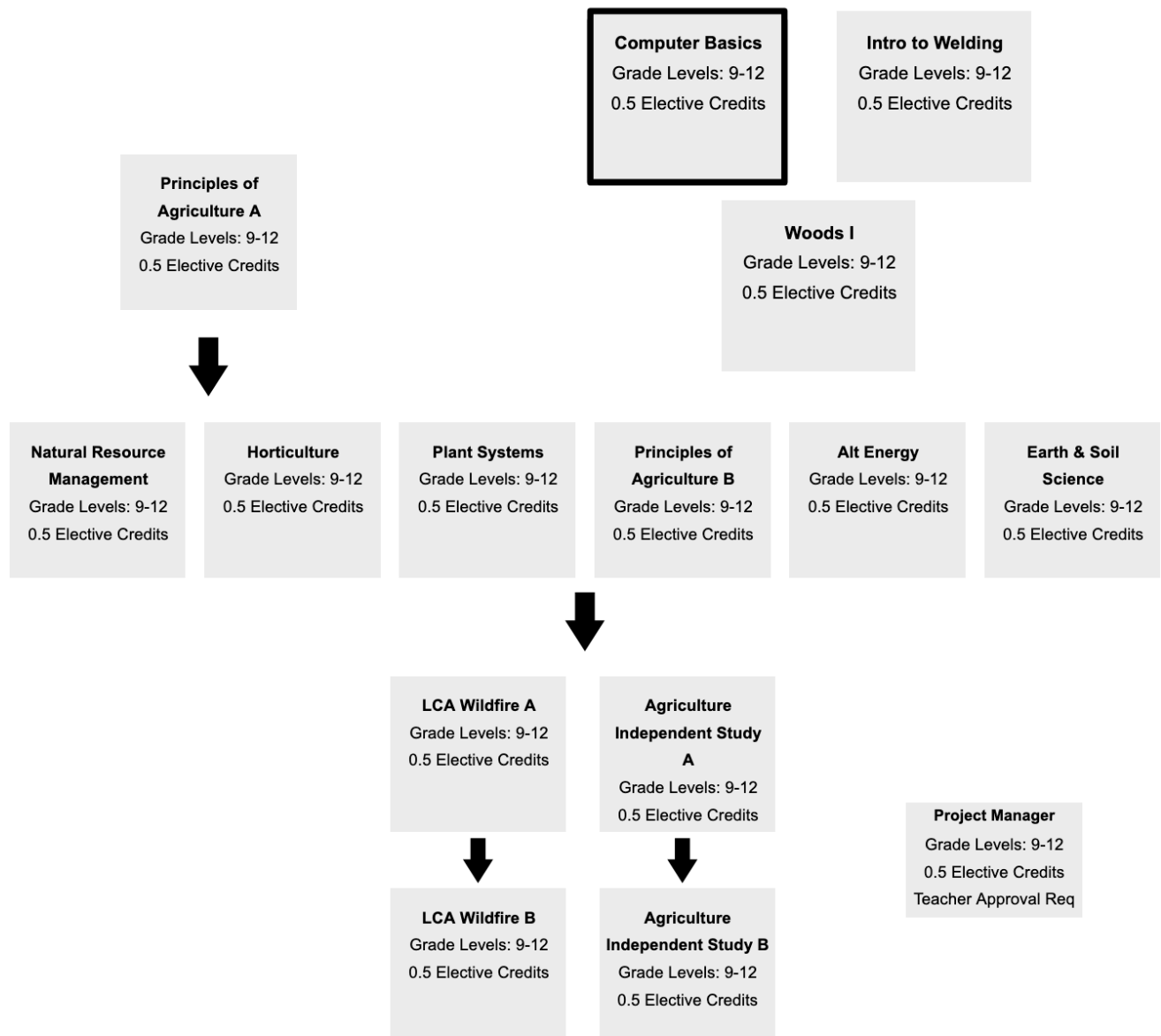
Early Childhood Education	Health Sciences	Welding/Manufacturing	Aviation (Pending)
Child Development 1	Exploration of Health Careers	Computer Basics	Aviation 1A (UAS/Pilot) (UAS-Unmanned Aerial Systems)
Child Development 2	Medical Terminology 1	Introduction to Metals and Welding	Aviation 1B (UAS/Pilot)
Preschool to Early Elementary	Medical Terminology 2	Intermediate Metals and Welding	Aviation 2A (UAS/Pilot)
Infants and Toddlers	Anatomy and Physiology 1	Flux Core Welding	Aviation 2B (UAS/Pilot)
Intro to Early Childhood	Anatomy and Physiology 2	Advanced Metals and Welding 1	Aviation 3A (UAS- Knowledge Test)
Creative Activities for Children	Sports Medicine 1	Advanced Metals and Welding 2	Aviation 3B (UAS- Knowledge Test)
Education Work Experience	Sports Medicine 2	Metal/Welding Work Experience	
Intro to Education	Sports & Exercise Physiology	Drafting	
Educational Practicum	Biotechnology	CAD (Computer Automated Drafting)	
Project Manager	Health Office Procedures (Independent Study)	Shop Assistant*	
Sources of Strength (WIN)	Project Manager	Project Manager	
LCA Foundations of Behavioral Health 14299A/B	LCA Foundations of Behavioral Health 14299A/B	HOPE	
Foundations of Education	Sources of Strength (WIN)		

Agriculture (CTE)

CTE Completer Requirements

To be considered a completer, students take a sequence of CTE courses that add up to 3 credits in that specific program and pass all of them. CTE Completers have a 97% Graduation Rate Statewide

Boxes with a black border denote possibility of earning college credit through the College Now program



PRINCIPLES OF AGRICULTURE A (18002A)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

In the Principles of Agriculture A course, students begin by discussing what agriculture is and the careers that exist in this all-encompassing field. Topics include FFA Foundations, SAE Development, Parliamentary Procedure, Safety, Tractor Mower Operations, Soil components, Introduction to Land Evaluation, Plant Classification and Parts, and Plant Reproduction and Nutrients. This course meets the educational requirement to be an active member of the FFA.

PRINCIPLES OF AGRICULTURE B (18002B)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Principles of Agriculture A****Grade Levels: 9-12**

In the Principles of Agriculture B course, students begin by discussing what agriculture is and the careers that exist in this all-encompassing field. Topics include, Forestry and Products, Wildlife and Environment, Livestock Anatomy and Physiology, Animal Production, Biotechnology, Scientific Method, Energy and Ag, Sustainability, and Food Processing. This course meets the educational requirement to be an active member of the FFA.

NATURAL RESOURCE MANAGEMENT (18504)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

This course covers a wide range of topics concerning agriculture and natural resources, including plant and animal science, production, and processing; environmental science and conservation; ecology; agricultural mechanics; agricultural construction; food production for a growing global population, business operations and management; and the careers available in the agricultural/natural resources industry. These courses may also include topics such as chemical and soil science, forestry, agricultural marketing, and veterinary science.

EARTH AND SOIL SCIENCE (18055)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

This is an introductory-level course that will cover the basic principles of soil science. Topics will include: Soil as a Natural Body, Composition of Soil, Functions of Soil, Soil Formation and Classification, Physical/chemical/biological Properties of Soils, and Soil Management and Conservation. This course meets the educational requirement to be an active member of the FFA.

ALTERNATIVE ENERGY (18506)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Alternative Energy courses help students identify renewable and nonrenewable energy sources and natural resources. Topics typically include alternative energy sources and their respective advantages and disadvantages; the impact of conventional and alternative energy sources on the environment; the efficiency of energy production from various sources; and careers in the fields of alternative energy and sustainability. This course meets the educational requirement to be an active member of the FFA.

WOODS 1 (17006A)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

This is an introductory course in the field of woodworking. Students will learn equipment/jobsite safety, carpentry skills, simple joints, wood finishes, and other related topics. In this class each student will be given instruction on the safe and appropriate use of a variety of woodworking machines and tools. Students will be expected to complete 3 or more assigned projects, which require the use of some of these tools and machines. **Safety is stressed throughout the course. This course has a \$25 materials fee.**

COMPUTER BASICS (10004)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

In Computer Applications courses Agriculture Students focus on acquiring knowledge of and experience in the proper and efficient use of previously written software packages in Agriculture. These courses explore a wide range of applications, including (but not limited to) word processing, spreadsheet, presentation, graphics, and database programs. Courses may also cover the use of electronic mail and online collaborative software. **Students in this class may receive dual credit by completing this course.** Talk to the instructor for requirements.

INTRODUCTION TO METALS AND WELDING (13207)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

This is an introductory career course in Shielded Metal Arc Welding (Stick Welding), Oxy-Fuel Cutting, and metalworking practices. Students are given the opportunity to gain knowledge, skills, and the attitude necessary for success and lifelong employment. The content is organized around the metalworking processes used in contemporary welding and metal fabrication environments, and will be explored and applied through a variety of classroom and shop (hands-on) activities/projects.

Students will learn shop and welding safety, measurements in welding, common types of welds and joints, arc welding equipment, industry tooling, electrodes, oxy-acetylene cutting, and a variety of welding techniques/positions. **This course has a \$25 materials fee.**

HORTICULTURE (18052)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

Formerly known as General Horticulture, Horticultural Science courses expose students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. In doing so, they cover a wide variety of topics, including principles of plant science, greenhouse and nursery operations, soils and growing media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design.

PLANT SYSTEMS (18051)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 10-12

Plant Systems is a hands-on, science-based course that explores how plants grow, function, and impact our world. Students learn the foundations of plant biology, soil science, and plant nutrition while gaining practical experience in greenhouse management, propagation, and crop production. Through labs, experiments, and real-world projects, students investigate plant structure and physiology, sustainable growing practices, integrated pest management, and the role of plants in agriculture and ecosystems. This course prepares students for further study in horticulture, agronomy, natural resources, or agricultural careers, and helps them develop problem-solving, data-analysis, and workplace skills aligned with AFNR Plant Systems standards.

AG SHOP ASSISTANT (18998A)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 10-12*****This class may be repeated***

This is not a TA class. A Student Greenhouse Assistant supports the daily operations of the school greenhouse by helping care for plants, monitoring growing conditions, and maintaining a clean, organized work environment. Responsibilities may include watering, transplanting, pruning, starting seeds, mixing soil, and tracking plant growth for class projects or sales. Assistants work closely with agriculture teachers to ensure healthy plant production, prepare orders for the community, and learn hands-on skills related to horticulture, sustainability, and professional greenhouse management. This role is ideal for students interested in plant science, agriculture pathways, or gaining practical workplace experience.

PROJECT MANAGER-AGRICULTURE (18247)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Teacher Approval****Grade Levels: 9-12*****This class may be repeated***

This course is structured as an independent study and requires a high level of self-motivation, time management, and accountability. Students are expected to work independently, follow established procedures and safety guidelines, and demonstrate initiative in completing projects to a professional standard. In this course, students will apply and build upon skills and knowledge acquired in prior coursework while developing new technical and problem-solving competencies through the design and manufacture of individual projects. Emphasis is placed on independent work, project planning, and the safe and effective use of materials, tools, and equipment. Students will also be responsible for the preparation, organization, and maintenance of materials and equipment in support of instructional activities.

AGRICULTURE INDEPENDENT STUDY (18997A/18997B)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 10-12**

Courses in Agriculture, Food, and Natural Resources—Independent Study, often conducted with instructors as mentors, enable students to explore topic of interest related to agriculture, food, and natural resources. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular application, to explore a topic in greater detail, or to develop more advanced skills.

OFF CAMPUS:

WILDFIRE MANAGEMENT A/B INDEPENDENT STUDY (18505A/B)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 10-12

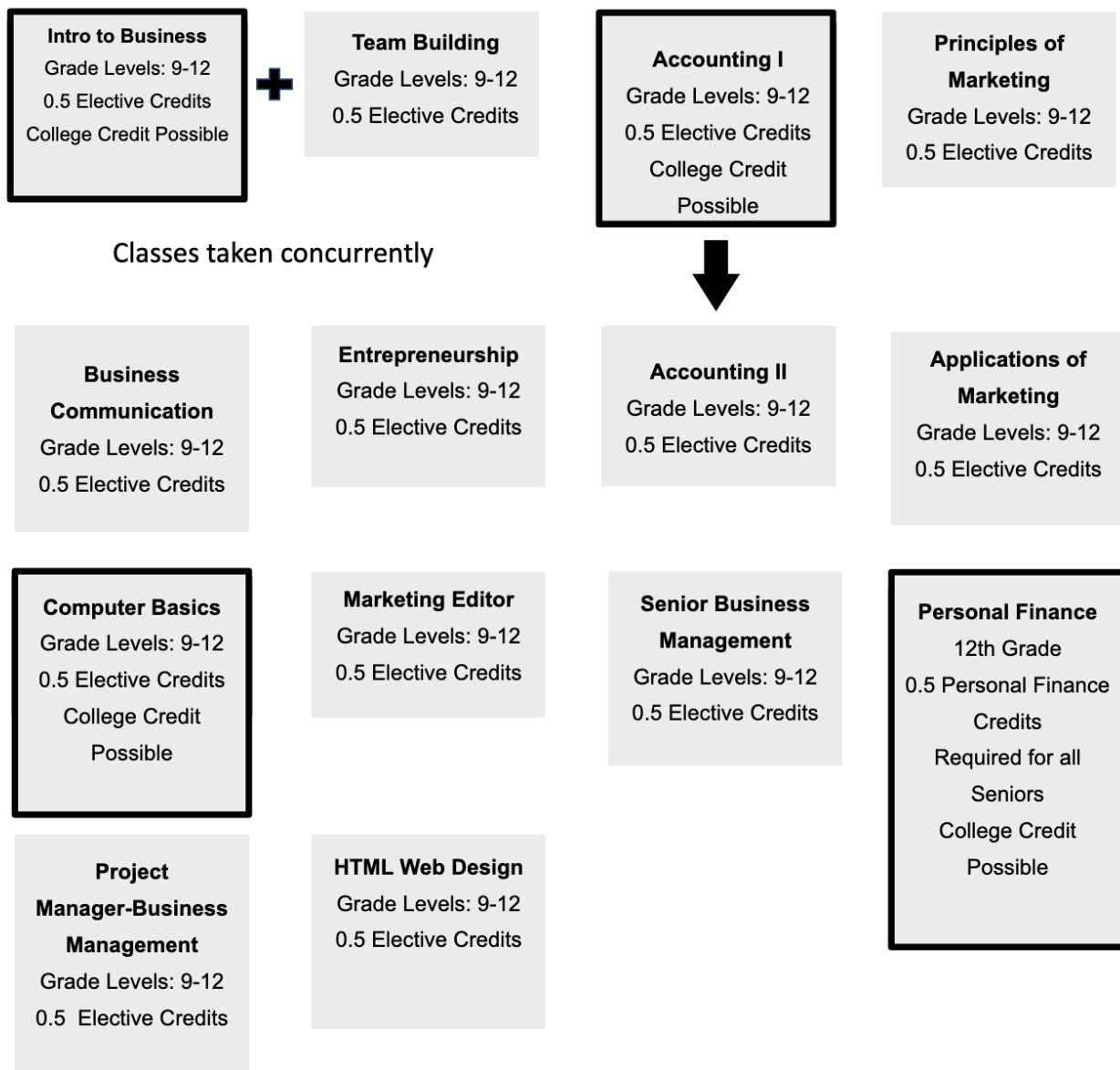
Fire Management—Workplace Experience course provides students with work experience in fields involving Fire Management, specifically Emergency Services and First Responder activities. Goals will be set cooperatively by the student, teacher, and Fire District employers (although students are not paid). This course will include a combination of online coursework, classroom activities, in person skills training, certification acquisition/testing and drills. The course will involve further study of the field of Emergency Services/Fire, which includes a discussion regarding experiences that students encounter in the workplace.

Business Management (CTE)

CTE Completer Requirements

To be considered a completer, students take a sequence of CTE courses that add up to 3 credits in that specific program and pass all of them. CTE Completers have a 97% Graduation Rate Statewide

Boxes with a black border denote possibility of earning college credit through the College Now program



COMPUTER BASICS (10004)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

Computer Basics covers keyboarding along with Microsoft Word, Excel and Powerpoint. Keyboarding will assist students to develop their typing skills. With Word students will develop standard letters, resumes, calendars and reports. In Excel the students will build skills in spreadsheet design and implementation and use charts and graphs to make presentations. Students will also develop visual presentations using Powerpoint. **Students in this class may receive dual credit by completing this course.** Talk to the instructor for requirements.

ACCOUNTING 1 (12104A)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

Accounting will teach the students how a business keeps financial records. Students will learn the complete accounting cycle, using a general ledger, trial balance, income statement, and balance sheet. They will also learn to use cash receipts, cash payments, purchases and sales journals, and subsidiary ledgers. They will study a unit on completing payroll. **Students in this class may receive “College Now” credit through Lane Community College by completing this course with a C or higher.**

ACCOUNTING 2 (12104B)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Accounting 1

Grade Levels: 9-12

Accounting will teach the students how a business keeps financial records. Students will learn the complete accounting cycle, using a general ledger, trial balance, income statement, and balance sheet. They will also learn to use cash receipts, cash payments, purchases and sales journals, and subsidiary ledgers. They will study a unit on completing payroll.

INTRODUCTION TO BUSINESS (12051)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

An introduction to the fundamentals of team building and communication within the business environment while learning topics related to economics, ethics & social responsibility, business organizations, management & teamwork, human resources, marketing, and accounting & finance. In addition, students will focus on building effective teams, managing team conflict, and taking advantage of team diversity. Most projects are team-based. **Students in this class may receive “College Now” credit through Lane Community College by completing this course with a C or higher.**

BUSINESS COMMUNICATION (12009)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

This course is an introduction to communication theories with an emphasis on writing direct, indirect, and persuasive letters and delivering presentations. Students will learn the appropriate formatting of business documents using proper formatting, grammar, tone, and effectiveness. We will focus on using communication strategies that are appropriate to the intended audience whether spoken or written.

PRINCIPLES OF MARKETING (12152A)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

This class is designed to show students a beginning understanding of the principles of marketing. Students will learn what marketing is and how it influences consumer actions and business decisions. Topics covered in this class include: Market Research, Targeting, Product Promotion, Consumer Behavior, Branding and special focus on Social Media Marketing.

APPLICATIONS OF MARKETING (12152B)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Applications of Marketing presents students with an opportunity to put marketing strategies to work as they work to create marketing for various projects for the school, different school departments, various projects both on and off campus, and selected community efforts. Students in Applications of Marketing will be given the chance to interact with members of the community and other agencies and programs as they design projects to suit their needs. Working both individually and as part of teams, students will begin to build portfolios of work and expand their knowledge of networking.

ENTREPRENEURSHIP (12053)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

This course is designed to introduce students to the concept of entrepreneurship. Students will acquire the knowledge of the nature and scope of entrepreneurship, and understand the impact of entrepreneurship on market economies. Students will examine and develop the personal traits and behaviors fundamental to becoming a successful entrepreneur and will be exposed to the first steps of the entrepreneurial process including the development of business plans. In addition, students will develop an understanding of economic concepts and the marketing functions.

TEAM BUILDING (12058)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

This class teaches students the essential skills of collaboration, communication, and cooperation in a supportive and engaging environment. Through a variety of interactive challenges, games, and problem-solving exercises, students will learn how to work effectively with diverse individuals to achieve common goals. The course is designed to build trust, promote creative thinking, and strengthen interpersonal relationships. Students will learn to be leaders as well as followers in this class and the processes that evolve with those roles.

MARKETING EDITOR (12152E)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12*****This class may be repeated***

This class is designed for students to apply marketing skills for advanced project management. Our marketing editors work to design the marketing plan for the CHS Annual, complete the on-campus marketing, create the weekly on-campus communication, and maintain the CHS Yearbook social media accounts. This class is by instructor permission only and is based on student experience in Yearbook and Marketing.

SENIOR BUSINESS MANAGEMENT (12998)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12*****This class may be repeated***

In this course, the student will be involved in all aspects of running a small retail store including ordering and inventory control, training and managing employees, cash proof and deposits, advertising, product decisions, and store set up and management. Students will run the Bulldog Business Lab and Bulldog Press Co.

PERSONAL FINANCE (19262)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: Required for all Seniors (12th)**

Personal Finance is a practical class that presents information to prepare students for a successful life as an adult. Students should leave the class as better-informed consumers with skills to make wise economic decisions. Topics covered include: career development, paychecks, budgeting, taxes, savings, investing, credit, insurance, and housing. **Students in this class may receive dual credit by completing this course with a C or higher.** Talk to the instructor for requirements.

HTML Web Design (10201)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

An introduction to design and communication principles as they apply to web design. Students will also investigate the unique challenges involved in web site design. Web-Design uses HTML format for students to design internet web pages. Students will learn basic tags and design techniques in developing pages that would include text, color, sound, images, video and special effects. Students will also learn design terms that are used in technological design settings. Students will use the knowledge gained to build their own web pages. They will use design terminology to reflect and analyze their design. **Students in this class may receive dual credit through Lane Community College by completing this course with a C or higher.** Talk to the instructor for requirements.

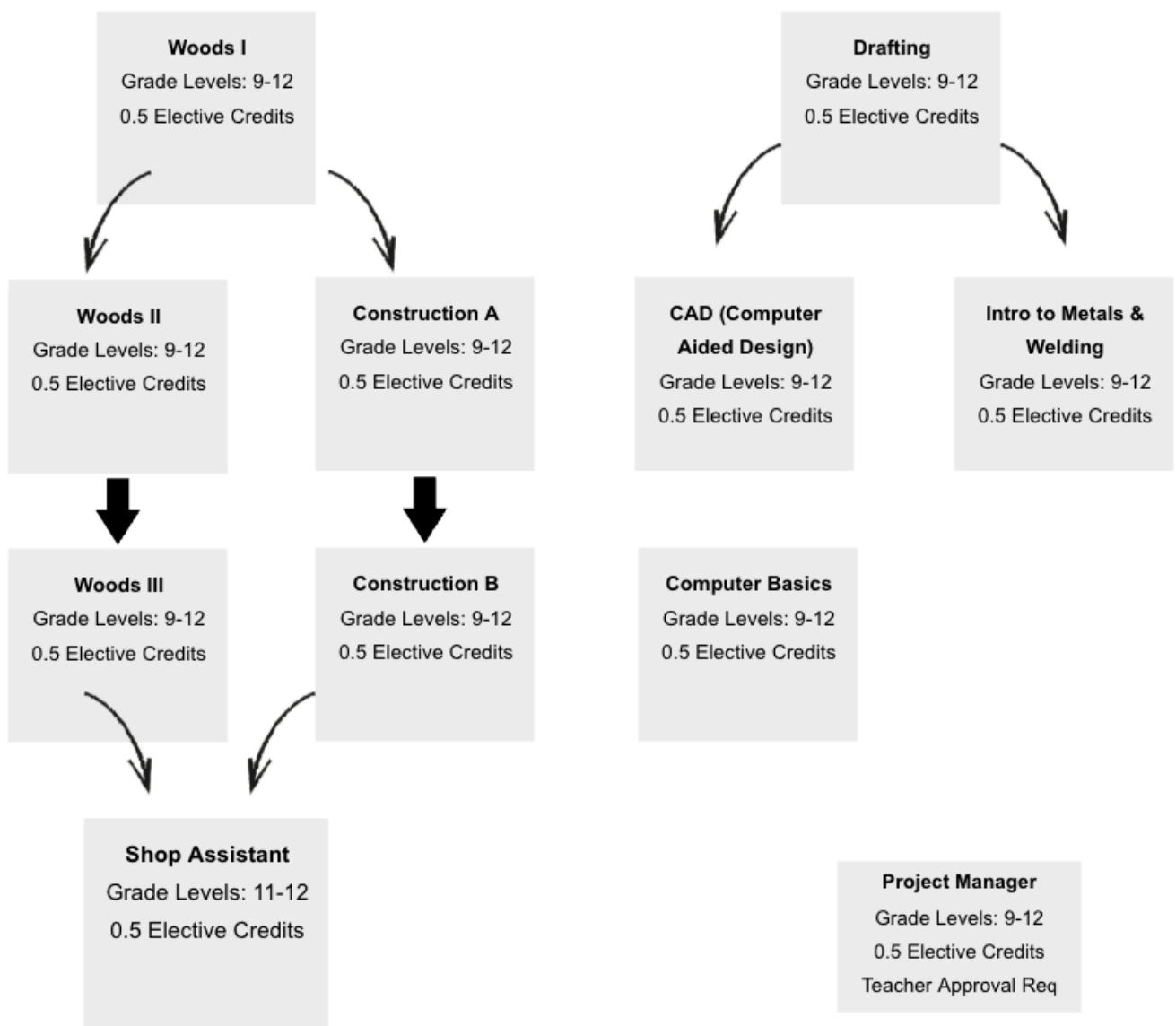
PROJECT MANAGER-BUSINESS MANAGEMENT (12097)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Teacher Approval****Grade Levels: 9-12*****This class may be repeated***

This course is structured as an independent study and requires a high level of self-motivation, time management, and accountability. Students are expected to work independently, follow established procedures and safety guidelines, and demonstrate initiative in completing projects to a professional standard. In this course, students will apply and build upon skills and knowledge acquired in prior coursework while developing new technical and problem-solving competencies through the design and manufacture of individual projects. Emphasis is placed on independent work, project planning, and the safe and effective use of materials, tools, and equipment. Students will also be responsible for the preparation, organization, and maintenance of materials and equipment in support of instructional activities.

Construction/Woods (CTE)

CTE Completer Requirements

To be considered a completer, students take a sequence of CTE courses that add up to 3 credits in that specific program and pass all of them. CTE Completers have a 97% Graduation Rate Statewide



WOODS 1 (17006A)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

This is an introductory course in the field of woodworking. Students will learn equipment/job site safety, carpentry skills, simple joints, wood finishes, and other related topics. In this class each student will be given instruction on the safe and appropriate use of a variety of woodworking machines and tools. Students will be expected to complete 4 or more assigned projects, which require the use of some of these tools and machines. **Safety is stressed throughout the course. This course has a \$25 materials fee.**

WOODS 2 (17006B)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Woods 1 (Grade of "C" or better)****Grade Levels: 9-12**

The goal of this course is to allow students to continue building upon the basic knowledge and skills they learned in Woods 1. Students will spend time in both the shop and the classroom learning the milling processes, plan drafting, project planning, shop math, equipment safety, carpentry skills, simple joints, wood finishes, and other related topics. In this class each student will be given instruction on the safe use of each woodworking machine and tool in the shop. Students will be expected to complete 4 or more assigned projects, which require the use of these tools and machines. **Safety is stressed throughout the course. This course has a \$25 materials fee.**

WOODS 3 (17006C)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Woods 1 & 2****Grade Levels: 9-12**

The goal of this course is to allow students to continue building upon the knowledge and skills they learned in Woods 2. Students will learn foundational skills in furniture and cabinet construction, project planning, plan drafting, tool setup & maintenance, sharpening, carpentry skills, wood joints, wood finishes, and other related topics. In this class each student will be given instruction on the safe use of each woodworking machine and tool in the shop. Students will be expected to complete 2 or more assigned projects, which require the use of these tools and machines. **Safety is stressed throughout the course. This course has a \$25 materials fee.**

CONSTRUCTION A (17002A)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Woods 1****Grade Levels: 9-12**

Through hands-on projects, field visits, and lectures students become familiar with the skills and knowledge necessary to succeed in today's construction environment. Work required to plan, design, and construct building structures is explored. A variety of elements and topics related to the materials and methods used in construction of buildings, including planning the site, foundation, framing and interior and exterior finishing will be covered. **This course has a \$25 materials fee.**

CONSTRUCTION B (17002B)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Construction A****Grade Levels: 9-12**

This course provides an introduction into the construction trade industry. Students will learn the requirements necessary to be a successful applicant when applying to various apprenticeship programs. General topics include: employment opportunities and an introduction to construction and maintenance skills used in different crafts. Basic concepts in safety, trade vocabulary, trade math, hand and power tools, blueprint reading, material handling, as well as communication and employability skills are examined. Guest speakers, from industry, will also be a part of this learning environment. **This course has a \$25 materials fee.**

DRAFTING (21102)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Drafting courses introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications and then refine the skills necessary for this craft. Drafting courses use exercises from a variety of applications to provide to students the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives.

CAD (COMPUTER AIDED DESIGN) (21107)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Drafting****Grade Levels: 9-12**

This is an intermediate course in drafting with an emphasis on architecture and the use of Computer Aided Design (CAD). Students will continue to study the organizing principles which govern home and building design through a series of projects done both on paper and on a computer. Students will learn how to use an industry standard CAD program with 3D modeling capabilities. They will demonstrate these techniques through printed plans, virtual tours and presentations. Students are required to provide their own USB drive.

INTRODUCTION TO METALS AND WELDING (13207)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Drafting

Grade Levels: 9-12

This is an introductory career course in Shielded Metal Arc Welding (Stick Welding), Oxy-Fuel Cutting, and metalworking practices. Students are given the opportunity to gain knowledge, skills, and the attitude necessary for success and lifelong employment. The content is organized around the metalworking processes used in contemporary welding and metal fabrication environments, and will be explored and applied through a variety of classroom and shop (hands-on) activities/projects. Students will learn shop and welding safety, measurements in welding, common types of welds and joints, arc welding equipment, industry tooling, electrodes, oxy-acetylene cutting, and a variety of welding techniques/positions. **This course has a \$25 materials fee.**

SHOP ASSISTANT- CONSTRUCTION (17998)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Woods I and Woods II and Teacher Approval

Grade Levels: 11-12

This class may be repeated

This is not a TA. Students will assist in the daily operation of the wood shop. They will assist other students, help to service equipment, clean, work on school and community based projects, and by doing so expand their knowledge of the inner workings of a wood shop. If time permits students may work on individual projects. **There is no fee for this class.** Any projects the students build will be priced according to size and be paid for before starting the project.

PROJECT MANAGER- GENERAL CONSTRUCTION (17047)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Teacher Approval

Grade Levels: 9-12

This class may be repeated

This course is structured as an independent study and requires a high level of self-motivation, time management, and accountability. Students are expected to work independently, follow established procedures and safety guidelines, and demonstrate initiative in completing projects to a professional standard. In this course, students will apply and build upon skills and knowledge acquired in prior coursework while developing new technical and problem-solving competencies through the design and manufacture of individual projects. Emphasis is placed on independent work, project planning, and the safe and effective use of materials, tools, and equipment. Students will also be responsible for the preparation, organization, and maintenance of materials and equipment in support of instructional activities.

OFF CAMPUS:

HOPE ADVANCED CONSTRUCTION (13003CN/13003WE)

Lane Career Academy

Experience: Advanced

Prerequisite: BY APPLICATION ONLY

This course exposes students to the tools and equipment that they may encounter in construction and manufacturing-related occupations and enable them to develop the skills they need to use these tools in various applications. Course topics include (but are not limited to) planning and design, electricity and electronics, materials properties and testing, basic materials processing, and power technology. This course covers general safety and career exploration as well. This course provides advanced work based learning on site in an industrial manufacturing home building facility. Goals are set cooperatively by the student, teacher, and industry partner. This course will include classroom activities as well, involving further study of the field and discussion regarding experiences that students encounter in the workplace, in addition to professional skills assessment.

Digital/Visual Arts (CTE)

Creswell High School Graduates need to complete a minimum of 3 total credits in the CTE, Fine Arts, or World Languages pathways.

CTE Completer Requirements

To be considered a completer, students take a sequence of CTE courses that add up to 3 credits in that specific program and pass all of them. CTE Completers have a 97% Graduation Rate Statewide

Fundamentals of Design

Grade Levels: 9-12
0.5 Credits

Drawing I

Grade Levels: 9-12
0.5 Credits

Visual & Digital Art: Independent Study

Grade Levels: 9-12
0.5 Credits

Visual Communication

Grade Levels: 9-12
0.5 Credits

Ceramics I

Grade Levels: 9-12
0.5 Credits



Fundamentals of Design

Grade Levels: 9-12
0.5 Credits

Ceramics II

Grade Levels: 9-12
0.5 Credits

HTML Web Design

Grade Levels: 9-12
0.5 Elective Credits

Project Manager

Grade Levels: 9-12
0.5 Elective Credits
Teacher Approval Req

DRAWING 1 (05154A)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

This introductory course builds foundational visual communication and design skills through drawing. Students develop proficiency in observational drawing, composition, perspective, and figure and landscape studies while learning industry-relevant techniques that support digital art, graphic design, animation, and media arts pathways. Emphasis is placed on creative problem-solving, craftsmanship, critique, and employability skills such as attention to detail, persistence, and visual literacy. This course is designed for students with little to no prior art experience as well as those seeking to strengthen their artistic foundations for advanced visual and digital arts coursework.

FUNDAMENTALS OF DESIGN (05195)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

This course develops students' skills in visual communication through graphic design, illustration, and digital media. Students learn to generate and refine concepts, apply design principles, and create purposeful layouts that communicate ideas and information effectively to specific audiences. Emphasis is placed on the design process, including research, ideation, iteration, critique, and revision, as well as the use of industry-relevant tools and techniques. Students produce portfolio-ready projects while building employability skills such as creativity, collaboration, problem-solving, and professional presentation aligned with careers in graphic design, marketing, media arts, and visual communication.

CERAMICS 1 (05154B)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

This course introduces students to visual design and creative production through hands-on exploration of two- and three-dimensional art forms, including design and sculpture. Students create original works while developing core skills in visual literacy, design elements and principles, material selection, and creative processes used across digital arts and media industries. Emphasis is placed on observation, interpretation of the visual environment, conceptual thinking, symbolism, and problem-solving. Students engage with a variety of tools, media, and techniques while building employability skills such as creativity, communication, critique, and iterative design relevant to careers in digital art, graphic design, media production, and related fields. **This course has a \$25 materials fee.**

CERAMICS 2 (05154C)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Ceramics 1 with Grade of “C” or better****Grade Levels: 9-12**

This advanced course builds on skills developed in Ceramics 1 and focuses on refining technical proficiency, design thinking, and personal artistic voice through three-dimensional media. Students explore both traditional and contemporary ceramic practices while analyzing major artists, movements, and styles to inform their own work. Emphasis is placed on experimentation, creative problem-solving, and intentional decision-making as students develop and present original designs. Through critique, iteration, and portfolio-ready projects, students strengthen their ability to communicate ideas visually and conceptually—skills that directly support pathways in digital arts, design, and creative industries.

This course has a \$25 materials fee.

VISUAL AND DIGITAL ARTS: INDEPENDENT STUDY (05197)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Teacher Approval****Grade Levels: 9-12**

This independent study course allows students to independently explore work within a certain art medium, concept, or idea through in depth examination. Independent study students will expand their knowledge by creating hands-on practical examples of their work supporting community and school efforts. **This course has a \$25 materials fee.**

VISUAL COMMUNICATION DESIGN (05162)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Formerly known as Graphic Design, Visual Communications Design courses emphasize applying fundamental processes of artistic expression through the exploration of the purposeful arrangement of images, symbols, and text to communicate a message. These courses may include investigations of how technology influences the creation of graphic and digital designs and study historical and contemporary visual communications design. These courses also provide instruction in the process of responding to their own art and that of others including master designers through analysis, critique, and interpretation for the purpose of reflecting on and refining work.

HTML Web Design (10201)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

An introduction to design and communication principles as they apply to web design. Students will also investigate the unique challenges involved in web site design. Web-Design uses HTML format for students to design internet web pages. Students will learn basic tags and design techniques in developing pages that would include text, color, sound, images, video and special effects. Students will also learn design terms that are used in technological design settings. Students will use the knowledge gained to build their own web pages. They will use design terminology to reflect and analyze their design. **Students in this class may receive dual credit through Lane Community College by completing this course with a C or higher.** Talk to the instructor for requirements.

Visual & Digital Arts: Project Manager (05198)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Teacher Approval****Grade Levels: 9-12**

This course is structured as an independent study and requires a high level of self-motivation, time management, and accountability. Students are expected to work independently, follow established procedures and safety guidelines, and demonstrate initiative in completing projects to a professional standard. In this course, students will apply and build upon skills and knowledge acquired in prior coursework while developing new technical and problem-solving competencies through the design and manufacture of individual projects. Emphasis is placed on independent work, project planning, and the safe and effective use of materials, tools, and equipment. Students will also be responsible for the preparation, organization, and maintenance of materials and equipment in support of instructional activities.

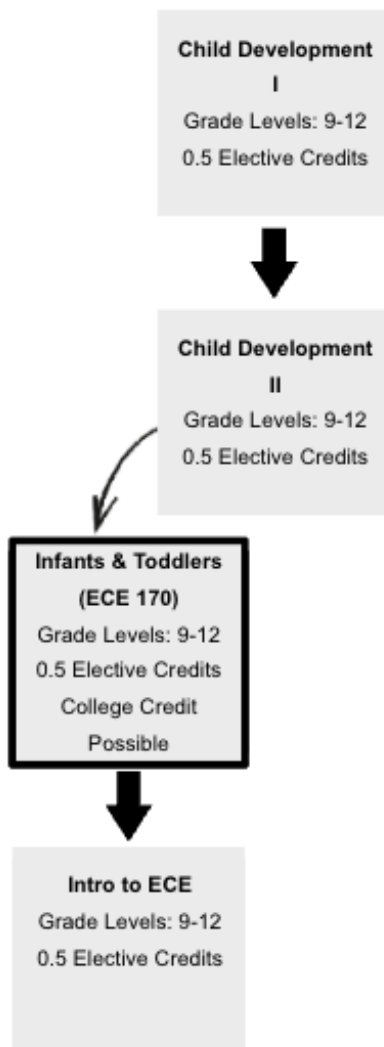
Early Childhood Education (CTE)

CTE Completer Requirements

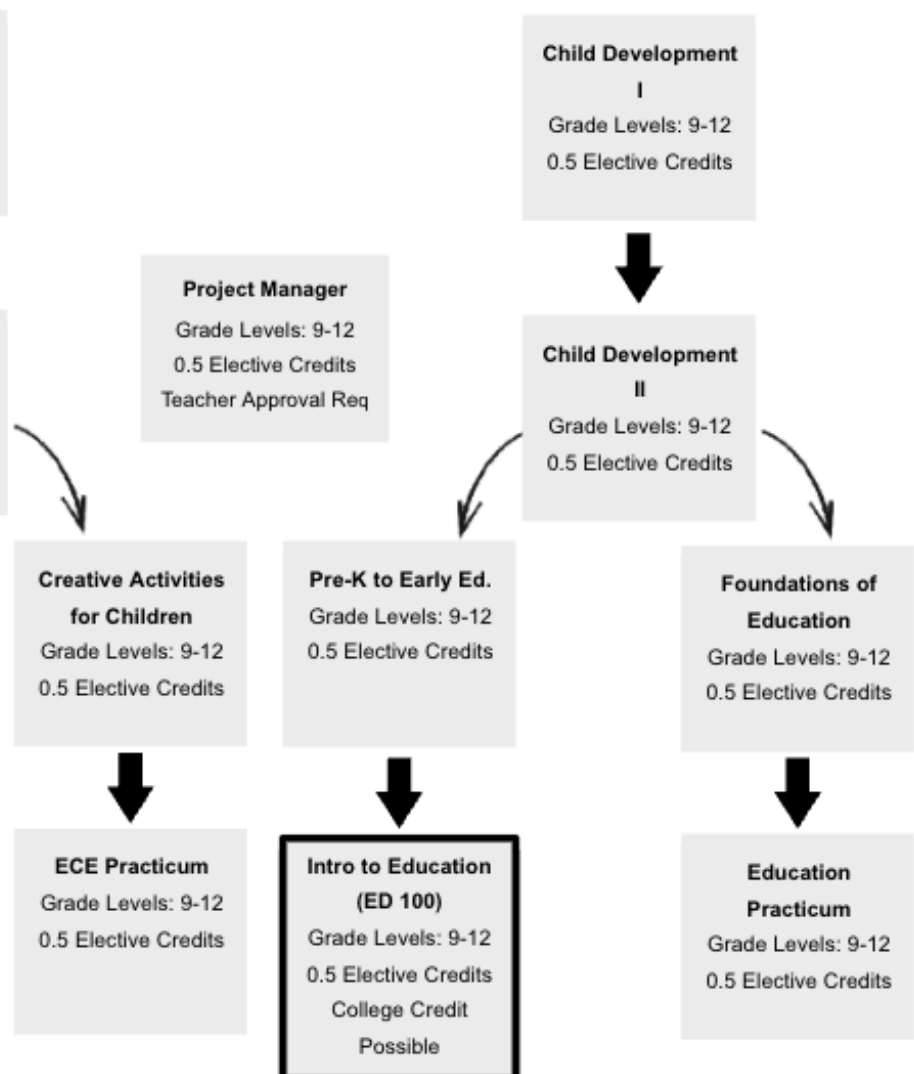
To be considered a completer, students take a sequence of CTE courses that add up to 3 credits in that specific program and pass all of them. CTE Completers have a 97% Graduation Rate Statewide

Boxes with a black border denote possibility of earning college credit through the College Now program

Early Childhood Education Track



Pre-Educator Track



CHILD DEVELOPMENT 1 (19052A)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Child Development courses provide students with basic knowledge about the physical, mental, emotional, social, and moral growth and development of children from conception to preschool age, emphasizing the application of this knowledge in child care settings and/or home environments. Brain development and current developmental research are addressed. These courses typically include related topics such as the appropriate care of infants, toddlers, and young children.

CHILD DEVELOPMENT 2 (19052B)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Child Development 1****Grade Levels: 9-12**

This course will build on Child Development 1 and we will spend time developing ideas for learning environments for children of all ages and expand our understanding of developmental theories. Child Development courses provide students with applicable knowledge about the physical, mental, emotional, social, and moral growth and development of children from conception to preschool age, emphasizing the application of this knowledge in child care settings and/or home environments. Brain development and current developmental research are addressed. These courses typically include related topics such as the appropriate care of infants, toddlers, and young children.

INTRODUCTION TO EARLY CHILDHOOD EDUCATION (19153.)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Early Childhood Education courses address child development and education issues, so that students can guide the development of children in educational settings. These courses typically include the planning and implementation of developmentally appropriate learning activities, health and safety practices, safe learning environments, and legal requirements for teaching young children.

PRESCHOOL TO EARLY ELEMENTARY (19051EE.)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Main topics include the fundamentals of working with preschool to early elementary aged children; providing healthy environments; evaluating educational settings; and examining the practices, regulations, and opportunities in a Pre-K to second grade classrooms. Provide students with practical experience, including observation time in an educational setting. Advanced topics may include various learning theories; development of activities; recognition of childhood diseases, abuse, and neglect; and first aid/emergency training.

INFANTS AND TODDLERS (19051IT)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Main topics include the fundamentals of working with infants, toddlers, and older children; providing healthy environments; evaluating child care settings; and examining the practices, regulations, and opportunities in the child care industry. Provide students with practical experience, including observation time in a child care center. Advanced topics may include various learning theories; development of activities; operation of a child care center; recognition of childhood diseases, abuse, and neglect; and first aid/emergency training.

Students in this class may receive dual credit by completing this course with a C or higher. Talk to the instructor for requirements.

INTRODUCTION TO EDUCATION (19151)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Teaching Profession courses introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. These courses typically expose students to and train them in classroom management, student behavior, leadership and human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education. **Students in this class may receive dual credit by completing this course with a C or higher. Talk to the instructor for requirements.**

CREATIVE ACTIVITIES FOR CHILDREN (19152)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 10-12**

Educational Methodology courses prepare students to teach and guide others. These courses typically provide opportunities for students to develop their own teaching objectives, to design lesson plans, and to experience teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques.

EDUCATION WORK EXPERIENCE (PRACTICUM) (19198)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 11-12*****This class may be repeated***

Education Workplace Experience courses provide students with work experience in fields related to education. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

PROJECT MANAGER-EDUCATION (19197)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Teacher Approval****Grade Levels: 9-12*****This class may be repeated***

This course is structured as an independent study and requires a high level of self-motivation, time management, and accountability. Students are expected to work independently, follow established procedures and safety guidelines, and demonstrate initiative in completing projects to a professional standard. In this course, students will apply and build upon skills and knowledge acquired in prior coursework while developing new technical and problem-solving competencies through the design and manufacture of individual projects. Emphasis is placed on independent work, project planning, and the safe and effective use of materials, tools, and equipment. Students will also be responsible for the preparation, organization, and maintenance of materials and equipment in support of instructional activities.

OFF CAMPUS:**Lane Career Academy: [Foundations of Behavioral Health](#) (14299A/14299B)****Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 10-12****This course is offered through LCC and Lane Education Service District and will include online coursework, skills training, and experiential learning options.**

Foundations in Behavioral Health exposes students to behavioral health careers and provides an overview of what it means to apply trauma-informed care, ethical reasoning, and cultural humility to engage in work with diverse populations in behavioral health professions.

Emphasis is placed on principles of laws and ethics, respect of human dignity, scope of practice, and skills, practices, trends, and theories that inform the behavioral health field. The course will involve further study of behavioral health, which includes preparing for experiences that students encounter in the workplace.

Health Sciences (CTE)

CTE Completer Requirements

To be considered a completer, students take a sequence of CTE courses that add up to 3 credits in that specific program and pass all of them. CTE Completers have a 97% Graduation Rate Statewide

Boxes with a black border denote possibility of earning college credit through the College Now program

Exploration of Health Careers

Grade Levels: 9-12
1.0 Elective Credits

Sources of Strength

Grade Levels: 9-12
WIN Interest Group

Sports Medicine I

Grade Levels: 9-12
1.0 Elective Credits

Sports & Exercise Physiology

Grade Levels: 10-12
1.0 Elective Credits

Medical

Terminology I & 2
Grade Levels: 10-12
1.0 Elective Credits
College Credit Possible

Biotechnology

Grade Levels: 10-12
1.0 Elective Credits
prereq. Bio

Sports Medicine II

Grade Levels: 9-12
1.0 Elective Credits

Health Office Procedures

Grade Levels: 11-12
1.0 Elective Credits
Independent Study/LCC

Anatomy & Physiology

Grade Levels: 11-12
1.0 Elective Credits
College Credit Possible

Project Manager

Grade Levels: 9-12
0.5 Elective Credits
Teacher Approval Req

SOURCES OF STRENGTH: WIN INTEREST GROUP

Length and Credit: Year long. No credit earned

Prerequisite: None

Grade Level: 9–12

Subject Area: WIN Interest Group

This class may be repeated

Mission

The mission of Sources of Strength is to provide high-quality, evidence-based prevention for suicide, violence, bullying, and substance abuse. This is achieved by training, supporting, and empowering peer leaders and caring adults to positively influence their communities through connection, hope, help, and strength.

Vision

Sources of Strength is grounded in the belief that collective strengths are more powerful than individual efforts. By activating and mobilizing these strengths, the program seeks to create positive change for individuals and communities.

As a Sources of Strength Peer Leader, students play an active role in fostering a school culture that promotes wellness, resilience, and strong relationships. Peer Leaders facilitate campaigns and activities at CHS designed to create a positive, inclusive, and supportive environment for all students. Program themes include positive friendships, mentoring, healthy activities, generosity, spirituality, family support, access to medical care, and mental health awareness.

EXPLORATION OF HEALTH CARE CAREERS (14001)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

This course will expose students to a variety of health care professions and includes surveys of medical and health-related occupations, including biomedical sciences and discussion of health care structure, private and public entities, the research community and trends in health education and practice.

MEDICAL TERMINOLOGY 1 (14154A)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Biology

Grade Levels: 10-12

This course is an introduction to medical terminology, designed to increase familiarity with medical terms while reviewing basic anatomy and physiology. The focus of this course is to develop an understanding of the structure of medical words: prefixes, suffixes, roots and combining forms and apply this knowledge to the analysis of unknown words. The course is broken into 10 units around specific physiological systems. **Students in this class may receive dual credit by completing this course.** Talk to the instructor for requirements.

MEDICAL TERMINOLOGY 2 (14154B)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Medical Terminology 1

Grade Levels: 10-12

In Medical Terminology 2, we will continue to build on the foundation of knowledge developed in Medical Terminology 1. Students will gain a deeper understanding of body organs, systems and their related terminology and explore the origin of terms and the use of anatomical, general, operative, and symptomatic terms using a variety of case-based and experiential learning techniques. **Students in this class may receive dual credit by completing this course.** Talk to the instructor for requirements.

ANATOMY AND PHYSIOLOGY (03053A/03053B)

Length and Credit: 2 Quarter /1.0 credit

Prerequisite: Biology. Chemistry is strongly recommended.

Grade Levels: 11-12 or with Teacher Approval

This course will introduce the student to human based anatomy (structure) and physiology (function). The systems of the body will be covered. This course is designed for students who are considering a medical, dental, veterinary, or a related field as well as students interested in the sciences. **Students in this class may receive dual credit by completing this course.**

SPORTS MEDICINE 1 (14062A)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

This course is an introduction to the field of sports medicine and will provide students with the knowledge and skills to understand and perform tasks designated by a Certified Athletic Trainer. Topics covered may include the history and professions of sports medicine, anatomical terminology, musculoskeletal anatomy, taping ankles, creating emergency action plans, check vital signs, recognizing soft tissue injuries, and allowing students to earn a Basic Life Support (BLS) certification. More advanced topics may include general medical conditions and basic biomechanics. Students will also shadow the Athletic Trainer at home competitions.

This course has a \$25 fee upon completion of AHA BLS course.

SPORTS MEDICINE 2 (14062B)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Sports Medicine 1

Grade Levels: 9-12

This course will build on the knowledge and skills learned in Sports Medicine 1 and will continue to provide students with the knowledge and skills to understand and perform tasks designated by a Certified Athletic Trainer. Topics covered may include advanced musculoskeletal anatomy, taping and bracing, concussions, common sports-related injuries, principles of rehabilitation, therapeutic modalities, and return to play protocols. More advanced topics may include the phases of healing, biomechanics, and sports nutrition. Students will also participate in readying student athletes for practices and competitions along with shadowing the Athletic Trainer at home competitions.

SPORTS AND EXERCISE PHYSIOLOGY (08017)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Biology****Grade Levels: 10-12**

This course is designed to provide the students with an introduction to the discipline of sport and exercise physiology, which is concerned with the study of how the body adapts physiologically to the acute stress of exercise, or physical activity, and the chronic stress of physical training. Courses in Sports Physiology examine human anatomy and physiology as they pertain to human movement and physical performance in sports activities. These courses may also emphasize the prevention and treatment of athletic injuries.

BIOTECHNOLOGY (14252)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Biology****Grade Levels: 10-12**

This course is designed to give students both a theoretical background and a working knowledge of the instrumentation and techniques employed in a biotechnology laboratory. Emphasis will be placed on the introduction of foreign DNA into bacterial cells, as well as the analysis of nucleic acids (DNA and RNA) and proteins.

PROJECT MANAGER-HEALTH SCIENCES (14297)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Teacher Approval****Grade Levels: 9-12*****This class may be repeated***

This course is structured as an independent study and requires a high level of self-motivation, time management, and accountability. Students are expected to work independently, follow established procedures and safety guidelines, and demonstrate initiative in completing projects to a professional standard. In this course, students will apply and build upon skills and knowledge acquired in prior coursework while developing new technical and problem-solving competencies through the design and manufacture of individual projects. Emphasis is placed on independent work, project planning, and the safe and effective use of materials, tools, and equipment. Students will also be responsible for the preparation, organization, and maintenance of materials and equipment in support of instructional activities.

OFF CAMPUS:

Lane Career Academy: [Foundations of Behavioral Health](#) (14299A/14299B)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 10-12

This course is offered through LCC and Lane Education Service District and will include online coursework, skills training, and experiential learning options.

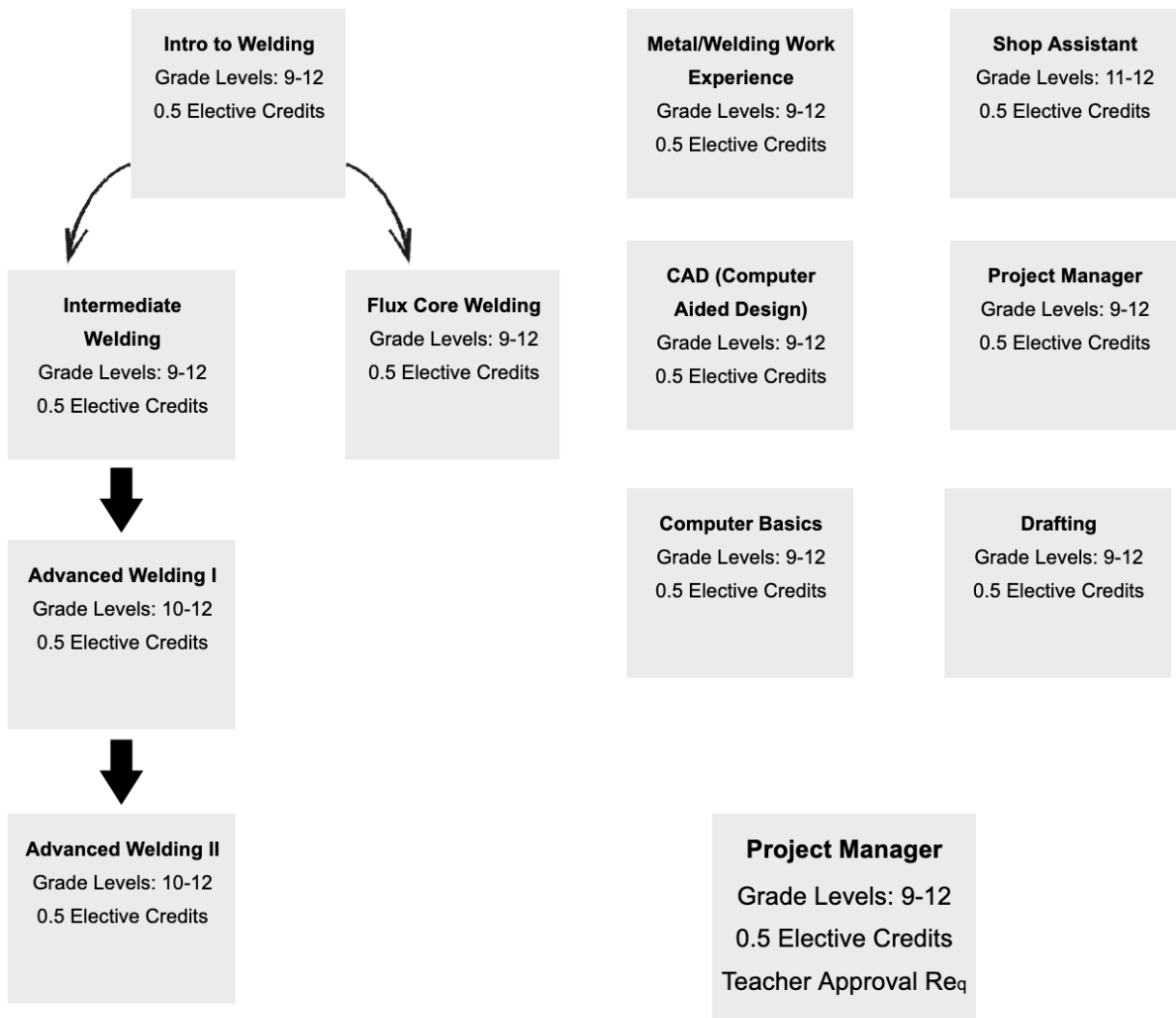
Foundations in Behavioral Health exposes students to behavioral health careers and provides an overview of what it means to apply trauma-informed care, ethical reasoning, and cultural humility to engage in work with diverse populations in behavioral health professions.

Emphasis is placed on principles of laws and ethics, respect of human dignity, scope of practice, and skills, practices, trends, and theories that inform the behavioral health field. The course will involve further study of behavioral health, which includes preparing for experiences that students encounter in the workplace.

Welding/Manufacturing (CTE)

CTE Completer Requirements

To be considered a completer, students take a sequence of CTE courses that add up to 3 credits in that specific program and pass all of them. CTE Completers have a 97% Graduation Rate Statewide



COMPUTER BASICS (10004)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

Computer Basics covers keyboarding along with Microsoft Word, Excel and Powerpoint. Keyboarding will assist students to develop their typing skills. With Word students will develop standard letters, resumes, calendars and reports. In Excel the students will build skills in spreadsheet design and implementation and use charts and graphs to make presentations. Students will also develop visual presentations using Powerpoint. **Students in this class may receive LCC credit by completing this course. Talk to the instructor for requirements.**

INTRODUCTION TO METALS AND WELDING (13207)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

An introductory career course in Shielded Metal Arc Welding (stick welding), oxy-fuel cutting, and metalworking practices. Students gain the knowledge, hands-on skills, and professional attitudes needed for workplace success and long-term employment in welding and metal fabrication. Instruction is organized around modern metalworking processes and delivered through a combination of classroom learning and shop-based projects. Topics include shop and welding safety, welding measurements, common welds and joints, arc welding equipment, industry tooling, electrodes, oxy-acetylene cutting, and a variety of welding techniques and positions. **This course has a \$25 materials fee.**

INTERMEDIATE METALS AND WELDING (13208A)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Introduction to Metals and Welding (Grade of "C" or better)

Grade Levels: 9-12

This is an intermediate career course in Gas Metal Arc Welding (MIG Welding), Plasma Arc Cutting and metalworking practices. Students will learn continued safety practices, different types of single and multipass welding, welding in different positions (flat, horizontal, vertical, and overhead), Manual Plasma cutting, and basic layout. **This course has a \$25 materials fee.**

FLUX-CORE ARC WELDING (13208B)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Introduction to Metals and Welding (Grade of "C" or better)

Grade Levels: 9-12

This is an intermediate course in Flux Core (FCAW-G) welding, Manual Plasma Arc Cutting and metalworking processes. Students will learn continued safety practices, different types of single and multipass welding, welding in different positions (flat, horizontal, vertical, and overhead), Manual Plasma Cutting, and basic layout. **This course has a \$25 materials fee.**

ADVANCED METALS AND WELDING 1 (130551)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Intermediate Metals and Welding (Grade of “C” or better)****Grade Levels: 10-12**

This is an advanced course in Lift Arc Gas Tungsten Arc Welding (TIG Welding) steel. Students will learn continued safety practices, different types of single and multipass welding, welding in different positions (flat, horizontal, vertical, and overhead), Manual Plasma Cutting, and basic layout. **This course has a \$25 materials fee.**

ADVANCED METALS AND WELDING 2 (130552)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Advanced Metals and Welding 1 (Grade of “C” or better)****Grade Levels: 10-12**

This is an advanced course in Gas Tungsten Arc Welding (TIG Welding) aluminum and stainless steel. Students will learn continued safety practices, different types of single and multipass welding, welding in different positions (flat, horizontal, vertical, and overhead), Manual Plasma Cutting, and basic layout. **This course has a \$25 materials fee.**

ADVANCED METALWORKING AND WELDING WORK EXPERIENCE (13248)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Advanced Metals and Welding (Grade of “C” or better)****Grade Levels: 9-12**

This advanced metalworking workplace course provides students with hands-on and real world work experience in welding, metalworking, and metal fabrication fields. Students will be able to apply their metalworking and welding skills to industry standards. Goals are typically set cooperatively by the student, teacher, and employer. This course may include classroom activities, further study in the field, and/or discussions regarding experiences that students encounter in the workplace.

DRAFTING (21102)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Drafting—General courses introduce students to the technical craft of drawing illustrations to represent and/or analyze design specifications and then refine the skills necessary for this craft. Drafting—General courses use exercises from a variety of applications to provide to students the knowledge and experience to develop the ability to perform freehand sketching, lettering, geometric construction, and multiview projections and to produce various types of drawings (working, detail, assembly, schematic, perspective, and so on). Computer-aided drafting (CAD) systems (if available) are typically introduced and used to fulfill course objectives.

CAD (COMPUTER AIDED DESIGN) (21107)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

This is an intermediate course in drafting and the use of Computer Aided Design (CAD) using Tinkercad and Fusion software. Students will learn 2D and 3D modeling and the use of CAD software to create shop drawings and blueprints, and the use of appropriate file types for CNC and Additive manufacturing.

SHOP ASSISTANT-MANUFACTURING (13998)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Introduction & Intermediate Metals and Welding – Teacher Approval****Grade Levels: 11-12*****This class may be repeated***

This is not a TA. Manufacturing—Workplace Experience courses provide students with work experience in fields involving manufacturing, supported by classroom attendance and discussion. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace

PROJECT MANAGER-METALS (13247)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Teacher Approval****Grade Levels: 9-12*****This class may be repeated***

This course is structured as an independent study and requires a high level of self-motivation, time management, and accountability. Students are expected to work independently, follow established procedures and safety guidelines, and demonstrate initiative in completing projects to a professional standard. In this course, students will apply and build upon skills and knowledge acquired in prior coursework while developing new technical and problem-solving competencies through the design and manufacture of individual projects. Emphasis is placed on independent work, project planning, and the safe and effective use of materials, tools, and equipment. Students will also be responsible for the preparation, organization, and maintenance of materials and equipment in support of instructional activities.

Aviation (pending)

AVIATION 1A & 1B (200531A/ 200531B)

Length and Credit: 2 Quarter / 1.0 credit

Prerequisite:

Grade Levels: 9-12

*This introductory course provides a foundation for advanced study in flying and unmanned aircraft systems, covering engineering practices, problem solving, and key innovations in aviation and aerospace. Students will explore career opportunities and be inspired to pursue aviation and aerospace paths, preparing for continued study in Aviation 2 and 3. **A course fee is required for this class.** Students interested in pursuing their Unmanned Aircraft Systems Knowledge Test or their Pilot's Knowledge Test need to take both sections 1A and 1B.*

AVIATION 2A & 2B (20532A/200532B)

Length and Credit: 2 Quarter / 1.0 credit

Prerequisite: Aviation 1

Grade Levels: 9-12

*This course will introduce students to basic aircraft and UAS structures and their major components, principles of flight, and the fundamental physical laws affecting flight. Students will learn about basic aerodynamics and forces that act on aircraft in flight. This course will also introduce the main systems found on large and small airplanes and UAS. **A course fee is required for this class.** Students interested in pursuing their Unmanned Aircraft Systems Knowledge Test or their Pilot's Knowledge Test need to take both sections 2A and 2B.*

AVIATION/PILOT 3A & 3B (20053PA/20053PB)

Length and Credit: 2 Quarter / 1.0 credit

Prerequisite: Aviation 2

Grade Levels: 10-12

*This course covers pilot and aircraft qualifications, principles of flight and aerodynamics, spin awareness, flight maneuvers, pre- and post-flight procedures, airport operations, regulations, safety, weather, aircraft systems, weight and balance, human factors, cockpit and crew management, emergency and night operations, aeronautical decision-making, cross-country flight planning, airspace, and other topics that prepare students for the FAA Private Pilot written exam. **A course fee is required for this class.** Students interested in pursuing their Unmanned Aerial Vehicle Knowledge Test or their Pilot's Knowledge Test need to take both sections 3A and 3B.*

AVIATION/UNMANNED AIRCRAFT SYSTEMS 3A & 3B (20053UA/20053UB)

Length and Credit: 2 Quarter / 1.0 credit

Prerequisite: Aviation 2

Grade Levels: 10-12

This course introduces the fundamentals of unmanned aircraft systems, including small UAS regulations, airspace and operating requirements, flight restrictions, safety procedures, weight and balance, operating environments, aviation weather and its effects on performance, aircraft loading and performance, emergency procedures, and crew resource management. Students will be prepared to take the FAA Part 107 Remote Pilot written exam upon completion.

General Electives

General education electives are not required classes. These electives are taken by student choice in order to round out a full schedule.

Exploration of Career Pathways
Grade Level: 9 (required)
0.5 Elective Credit

Peer Tutoring
Grade Levels: 9-12
0.5 Elective Credit

Nutrition and Wellness
Grade Levels: 9-12
0.5 Elective Credit

Leadership
Grade Levels: 9-12
0.5 Elective Credit

Teacher's Aide
Grade Levels: 10-12
0.5 Elective Credit

Cooperative Work Experience
Grade Levels: 11-12
Elective Credit

EXPLORATION OF CAREER PATHWAYS (22151)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9

Students will explore the four Career and Technical Education pathways offered at Creswell High School to build career-readiness skills. The pathways include: Business, Health Occupations, Construction/Woods, and Graphic Design/Art. At the end of the year, students will be able to forecast for their sophomore year the CTE course(s) that most interest them and plays to their personal skills.

NUTRITION AND WELLNESS (19253)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9-12

Nutrition and Wellness courses focus on how physical, mental, social, psychological, and emotional wellness are related to food, food selection, and health. Topics typically include dietary needs across one's lifespan, stress management, special dietary issues, and eating disorders as well as societal and genetic health issues that are addressed through the prevention education component of the class. Other topics covered range from healthy food selection, label reading, and diet analysis to understanding additives, making wise food choices, and dealing with food allergies. **This course has a \$25 supplies fee.**

LEADERSHIP (22101/22101B)

Length and Credit: 2 Quarter / 1.0 credit

Prerequisite: Attendance and Discipline Record will be reviewed by the Leadership Advisor

Grade Levels: 9-12

This class may be repeated

Leadership class is required for all ASB officers and Class Presidents. Other students may enroll and are expected to contribute to leadership activities and the school environment in a helpful and positive way. All students in the leadership program are expected to be active participants in student activities as well as facilitating student body concerns. Each member of leadership is required to perform 20 hours of community/school service each term.

TEACHER AID (22095)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Teacher and Counselor recommendations

Grade Levels: 11-12

This class can be repeated, max 2 credits)

[LINK TO Permission FORM](#)

PEER TUTORING (22054)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 11-12

This class can be repeated, max 2 credits)

Peer Tutoring provides an opportunity for high school students to work as tutors for students who may be experiencing difficulties in school. After a brief orientation, students will be placed in tutorial positions where they will assist other students, either on a one-to-one basis or in a small group setting. There are opportunities to work at all age levels: elementary, middle and high school.

[LINK TO Permission FORM](#)

COOPERATIVE WORK EXPERIENCE (22998)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 12 (11 w/ admin approval)*****This class can be repeated, max 2 credits.***

Students can receive credit for work experience that is structured as a learning situation. The program is designed to give the student credit for practical experience in a work environment. Students must work an average of 15 hours per week and at least 180 per term to receive credit. Students may apply a maximum of 1.5 credits towards graduation requirements.

OPEN STUDY (30001)**Length and Credit: 1 Quarter / 0.0 credit****Prerequisite:****Grade Levels: 12**

Students who are on track to graduate may choose to have an Open Study. Open Study will require parent permission for grades 9-11.

English Language Arts

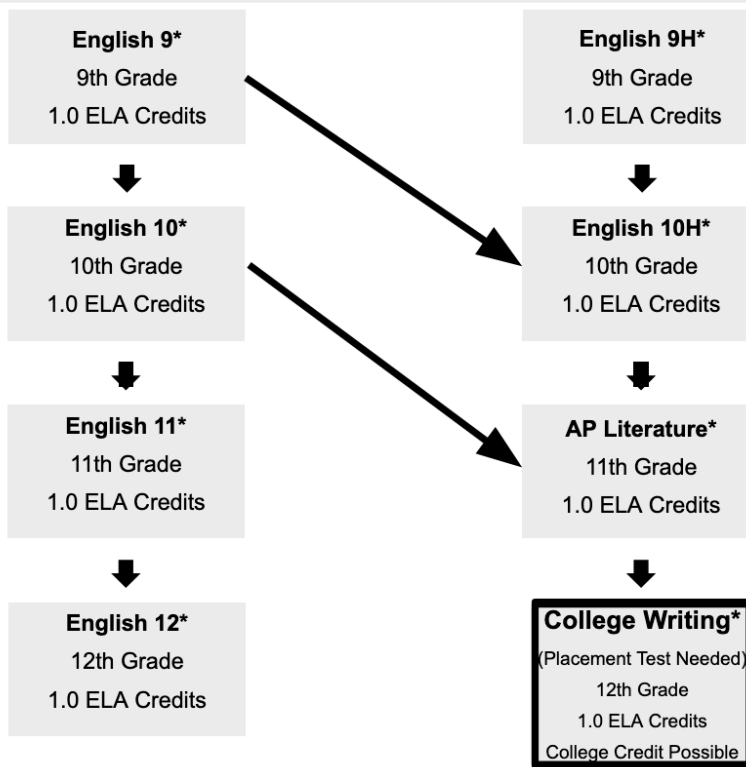
Students need four (4) credits of English Language Arts to meet graduation requirements

Students planning on attending 4-year university immediately after high school must earn 4.0 ELA credits with C- or better.

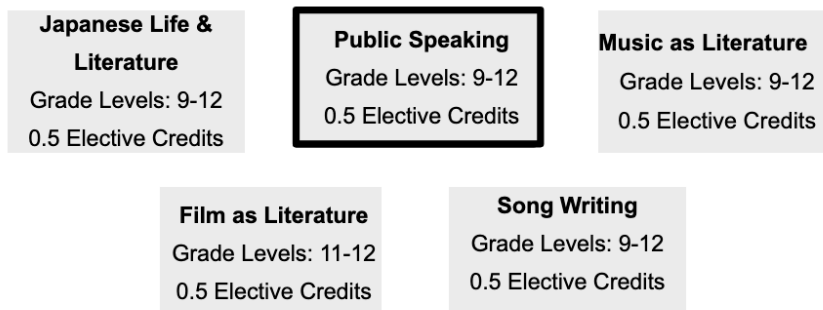
Students planning on participating in collegiate athletics must enroll in NCAA approved courses marked with an asterisk ()*

Students can gain entry to honors sections (denoted with an H in course title) with teacher recommendation.

Boxes with a black border denote possibility of earning college credit through the College Now program



Elective ELA Classes



ENGLISH 9 (01001/01001B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite:****Grade Levels: 9**

This course offers students an introduction to patterns in literature through mythology, short stories, novels, letters, and plays, with a focus on the classics. Students will write frequently in response to the readings in a variety of modes and will move from writing short informal writing to well-developed and structured essays by the end of the class. Grammar usage, punctuation, and vocabulary will be included on a regular basis. Study skills, short speeches, academic research, and argumentative essays will also be emphasized. Students will be assessed for their progress in reading, writing, and speaking. They will be given many opportunities to read and write.

HONORS ENGLISH 9 (01001H/01001HB)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Application and Teacher Recommendation****Grade Levels: 9**

Honors English 9 is an accelerated, advanced literature and composition course. It is designed to challenge students through the analysis and interpretation of extensive reading and writing. English standards, research, and assessments will be emphasized. The course is designed as a classical literature survey with literary studies in fiction, drama, poetry, film and nonfiction. Writing expectations are higher, with a goal of finding an individual's voice and becoming comfortable with written expression and stylistic choices.

ENGLISH 10 (01002/01002B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: English 9****Grade Levels: 10**

This English class is a combined writing and literature class with a focus on multicultural studies and the search for identity. Writing skills focus upon writing 3-5 paragraph essays with emphasis on writing effective introductions, well-developed topics, and effective conclusions. A variety of novels, plays, poems, non-fiction and short stories will be read. The writing assignments will often relate to this literature. Emphasis will be placed on collecting quality writings in a variety of modes based on Smarter Balanced standards and scoring guides.

HONORS ENGLISH 10 (01002H/01002HB)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: English 9 Honors or teacher recommendation****Grade Levels: 10**

Honors English 10 includes in depth studies of literature, writing, speaking, and research skills. Students in this class will examine a variety of literature to enhance their knowledge of major historical and cultural themes. Strong emphasis will be placed upon developing essay writing skills and analytical thinking skills. Writing and speaking samples will be collected and rated based on Smarter Balanced Language Arts standards and scoring guides.

ENGLISH 11 (01003/01003B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: English 10****Grade Levels: 11**

English 11 includes literature, writing, and speech skills. Students in this course will read literature and examine views through their readings. Strong emphasis will be placed upon developing essay writing skills and creative analytical thinking skills. Emphasis will be placed on collecting quality writings and speeches based on Smarter Balanced standards and scoring guides.

AP ENGLISH LITERATURE AND COMPOSITION (01053/01053B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Minimum “B” grade in last two English classes is highly recommended, Teacher recommendation****Grade Levels: 11**

The AP English Literature and Composition course develops students’ ability to explore, comprehend, interpret, evaluate, and appreciate complex literary texts. By the end of the course, students will be proficient in discussing literature across varied themes, historical contexts, and genres through timed, on-demand writing, carefully revised analytical essays, and in-class discussions. Students should expect to read, reflect on, and write about literature extensively, completing in- and out-of-class essays in analytical, argumentative, and expository forms, and reading daily, primarily creative nonfiction. The course emphasizes challenging and justifying interpretations, considering multiple perspectives, and engaging in mature, thoughtful discussion. Designed to prepare students for the AP English Literature and Composition exam, the course follows the current AP course description and includes practice for both multiple-choice and free-response sections. **Students may earn college credit by completing the course; requirements are available from the instructor.**

ENGLISH 12 (01004/01004B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: English 11****Grade Levels: 12**

English 12 is structured to prepare students for college and career readiness. The main focuses are on reading and responding to literature and nonfiction writing, writing research papers, writing professional/work documents, and speech/presentation skills.

COLLEGE NOW (WR121Z): COLLEGE WRITING (01102/01102B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Testing placement into WR 121Z per LCC requirements****Grade Levels: 12**

College Writing engages students in the study and practice of critical thinking, reading, and writing. The course focuses on analyzing and composing across varied rhetorical situations and in multiple genres. Students will apply key rhetorical concepts flexibly and collaboratively throughout their writing and inquiry processes. WR 121Z will prepare students to engage in adaptable inquiry-based research processes that meet the needs of various rhetorical contexts. Students can expect to compose multiple revised texts, for a total of at least 10 double-spaced pages, throughout the term. **College credit may be obtained through Lane Community College by passing with at least a 70% C- or better.**

English Language Arts Electives:

These classes may be taken in addition to English 9, 10, 11, and 12.

JAPANESE LIFE AND LITERATURE (01063)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

This course will teach students about Japanese language, life and literature. Students will learn the basics of the Japanese writing system (hiragana) and common words and phrases, and Japanese literature. Students will study aspects of Japanese life and culture including: history, cuisine, art, and Japanese writing contributions.

PUBLIC SPEAKING (COMM 111 WILLAMETTE PROMISE 3 CREDITS) (01151)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Public Speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence. **Students in this class may receive dual credit by completing this course.** Talk to the instructor for requirements.

FILM AS LITERATURE (01099)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 11-12**

This course is designed to provide students with an overview of how to analyze the medium of film and focusing on films that interpret great literary works. Students will be introduced to the “vocabulary” of film, and the cinematography and editing techniques that filmmakers use to tell their stories. Classwork will focus on film analysis and the relationship between the film and the text. Students will write papers that focus on literary analysis and also reflect on the cultural, social, historical and political significance of these works.

SONGWRITING, PRODUCTION AND MARKETING (01061S)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

This course emphasizes ELA standards through the study of poetry and song lyrics as literary texts. Students analyze figurative language, imagery, symbolism, theme, tone, voice, structure, sound, and word choice through close reading and discussion. They apply these skills by writing, revising, and reflecting on original lyrics, using peer feedback to strengthen clarity and meaning. Students also examine audience and purpose by presenting and sharing their work through digital media, demonstrating how language, tone, and medium influence interpretation and impact.

MUSIC AS LITERATURE (01061)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

Music as Literature is a 9-week elective English course that examines music as a form of storytelling and cultural expression. Students analyze lyrics, historical context, and multimedia sources to explore how music reflects identity, society, and change. Songs are studied as literary texts, with attention to narrative, point of view, figurative language, and theme through both creative and analytical work. This course may be used for elective English credit or English credit recovery with approval; however, it does not replace a required core English course (English 9–12).

ENGLISH LANGUAGE DEVELOPMENT (ELD)

Beginning
ELD Supports
and Development

Early Intermediate
ELD Supports
and Development

Intermediate
ELD Supports
and Development

Early Advanced
ELD Supports
and Development

NOTE: Student Support Center classes are not general elective classes and cannot be taken unless specifically assigned or approved.

This class may be repeated

01008/01008B – Beginning ELD

01008/01008B – Early Intermediate ELD

01008/01008B – Intermediate ELD

01008/01008B – Early Advanced ELD

Prerequisite: Placement or Teacher Recommendation

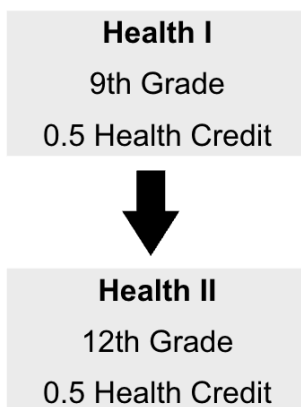
Grade Levels: 9-12

Year-long during WIN

This course develops English language acquisition skills for English language learners (ELLs). The focus of the class is learning language skills, building basic and general utility vocabulary as well as academic vocabulary, and moving from simple to complex grammatical structures to be used in both everyday and academic settings.

Health

Students are required to earn 1.0 credits in the area of Health to satisfy graduation requirements.



HEALTH 1 (08051)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 9

This course is required and will fill your requirements for graduation from Creswell High School. While this class is by design a freshman level class, upperclassmen on occasion may be enrolled. Subject's covered include but are not limited to; Alcohol, Tobacco and Other Drug Use Prevention, Prevention and Control of Disease, Promotion of Healthy Eating, Promotion of Mental, Social and Emotional Health, Violence and suicide Prevention. Parents should be aware Human sexuality, HIV/AIDS and sexually transmitted disease prevention topics may also be covered in this course.

HEALTH 2 (08052)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite:

Grade Levels: 12

This course is required and will fill your requirements for graduation from Creswell High School. While this class is by design a junior level class, other grades on occasion may be enrolled. Subjects covered include but are not limited to; Unintentional Injury Prevention, Promotion of Sexual Health, Promotion of Physical Activity, Promotion of Environmental Health. Parents should be aware Human sexuality, HIV/AIDS and sexually transmitted disease prevention topics may also be covered in this course.

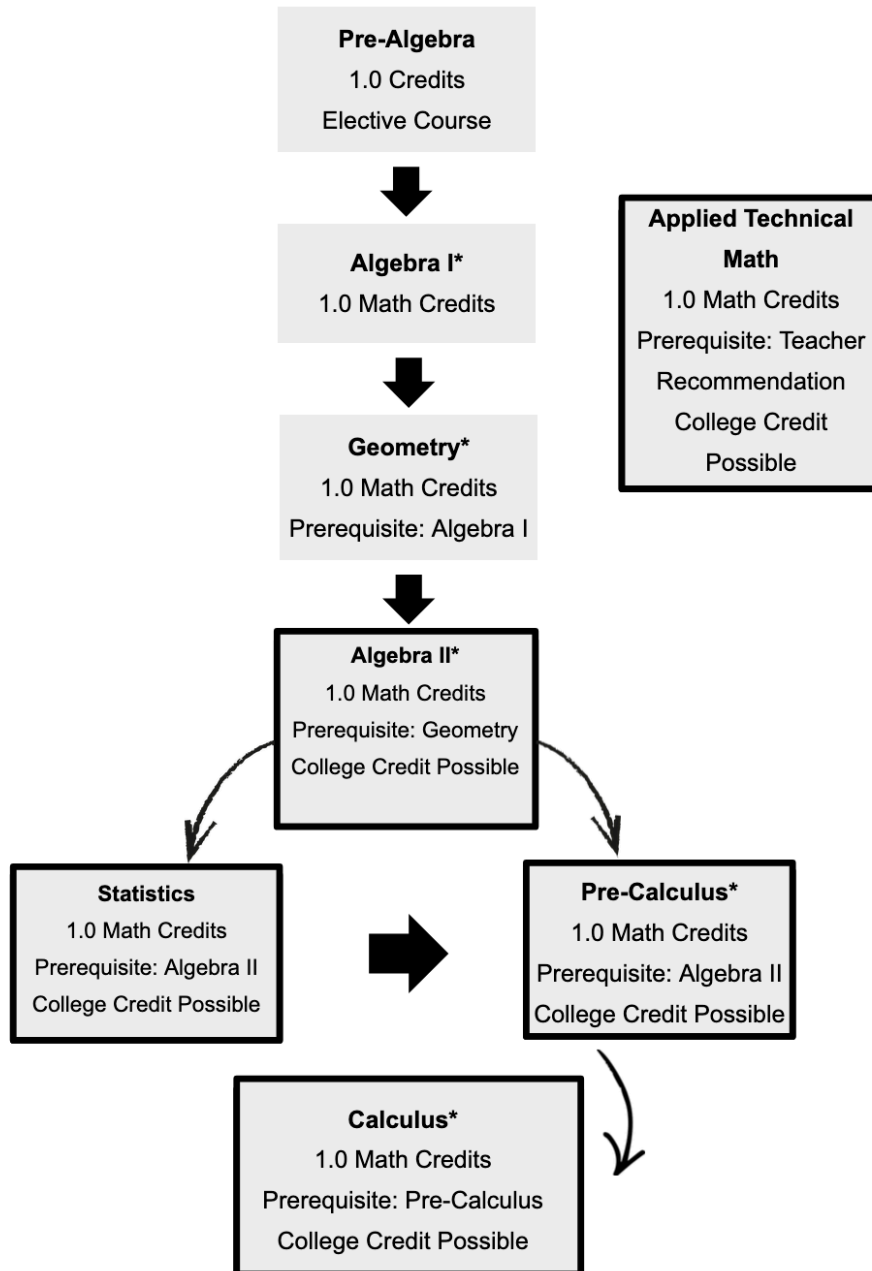
MATHEMATICS

Students need three (3) credits of Mathematics at Algebra I or higher to meet graduation requirements

Mathematics Pathways

Students planning on attending 4-year university immediately after high school must earn 3.0 math credits with C- or better. Students planning on participating in collegiate athletics must enroll in NCAA approved courses marked with an asterisk (*)

Boxes with a black border denote possibility of earning college credit through the College Now program



NOTE: Math Placement Sequence:

Pre-Algebra>>>Algebra I >>>Geometry>>> Algebra II>>>Pre-Calculus or Elementary Statistics>>>Calculus

Freshmen entering CHS will be placed in Pre-Algebra, Algebra I, or Geometry according to Math Department recommendations based on placement testing and instructor recommendation. Students will not be advanced to the next level until successfully completing the previous course. Taking two courses simultaneously is discouraged and requires administration approval. Students planning to enter college need to complete a math sequence through Algebra II.

PRE-ALGEBRA (02051/02051B)

Length and Credit: 2 Quarter / 1.0 elective credit

Prerequisite: Teacher Recommendation

Grade Levels: 9-12

Pre-Algebra is a course for students who need to prepare for an Algebra course. This course will place a strong emphasis on the continued study of integers, order of operations, variables, expressions and equations. Students will solve and graph equations and inequalities, write and solve proportions, and explore geometry, statistics and graph concepts. Problem solving will be emphasized throughout the course. This class will count as an Elective class NOT a Math class for graduation requirements.

ALGEBRA 1 (02052/02052B)

Length and Credit: 2 Quarter / 1.0 credit

Prerequisite:

Grade Levels: 9-12

Algebra I is part of a three-year, college-prep math program that integrates and spirals through topics in Algebra and Geometry. This course covers in depth linear functions and inequalities including graphing, writing, solving, and interpreting data using linear models. Linear functions are used as a launching point to explore other functions including exponential, quadratic, and radical functions which will lay the foundation for Algebra 2 and future math classes.

GEOMETRY (02072/02072B)

Length and Credit: 2 Quarter / 1.0 credit

Prerequisite: Algebra 1

Grade Levels: 9-12

Geometry is a branch of mathematics that studies size, shape, relative position, and the properties of space, and is one of the oldest sciences, involving the measurement of lengths, areas, and volumes. This class is part of a three-year, college-preparatory math program that integrates and spirals concepts from both Algebra and Geometry. The course covers coordinate geometry; reasoning and proof; angle measurement; parallel and perpendicular lines; triangles and quadrilaterals; similar and congruent figures; special right triangles; trigonometry; circles; transformational geometry; and the calculation of length, perimeter, area, surface area, and volume.

COLLEGE NOW (MTH 85): APPLIED TECHNICAL MATH (02055/02055B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Teacher Recommendation****Grade Levels: 10-12**

This course introduces the study and application of Fundamentals of Algebra I (MTH85) topics and applications of real numbers in work-related settings for occupations requiring career-technical training. The use of real numbers, exponents, number notation, manipulation of formulae, ratio, proportion, and percentage applications for calculating and solving various situational applications including rates of change, slope, proportional relationships and unit analysis will be emphasized. Along with the math content, students will be creating a business plan for a small business which will include math related to credit, taxes, budgets for specific projects, and staffing. **College credit may be obtained through Lane Community College by passing with at least a 70% C- or better.**

COLLEGE NOW (MTH 95): ALGEBRA II (02056/02056B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Teacher Recommendation****Grade Levels: 9-12**

Algebra II is the third part of a three-year, college-prep math program that integrates and spirals through topics in Algebra, Geometry and Trigonometry. This course takes a close look into different families of functions including linear, quadratic, radical, exponential and logarithmic, and rational function specifically in the context of modelling real world data sets to make predictions that would inform decision making in different circumstances. Included as part of understanding and using these different models, students will be learning tools including probability, basic statistics, and data analysis. The main focus of the course is to prepare students to take the Pre-Calculus course and/or mathematics beyond the high school level. Students are required to do work outside of class time in the form of homework and projects. **College credit may be obtained through Lane Community College by passing with at least a 70% C- or better.**

COLLEGE NOW (MTH 111Z): PRE-CALCULUS (FUNCTIONS) (02110)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Algebra 2****Grade Levels: 10-12**

Pre-Calculus I – This course prepares college-bound students for Calculus by focusing on **Algebra**. Students study polynomial, rational, exponential, and logarithmic functions and their inverses, with an emphasis on advanced algebraic manipulations. Applications and technology are integrated throughout, and a graphing calculator (TI-83 or TI-84) is required for graph analysis. College credit may be earned with a grade of C- or higher.

COLLEGE NOW (MTH 1112Z): PRE-CALCULUS (TRIGONOMETRY) (02110B)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Algebra 2, MTH 111Z (Pass with a 70% C- or better) and Departmental Recommendation

Grade Levels: 10-12

Pre-Calculus – This course prepares college-bound students for Calculus by covering advanced algebra and trigonometry topics. The second quarter emphasizes Trigonometry, including trigonometric functions in degrees and radians, graph analysis, polar coordinates, parametric equations, and vectors. Applications and technology are integrated throughout, and a graphing calculator (TI-83 or TI-84) is required. College credit may be earned through Lane Community College with a grade of C- or higher.

COLLEGE NOW (MTH 251): CALCULUS (DIFFERENTIATION) (02121)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Pre-Calculus and Departmental Recommendation

Grade Levels: 11-12

Calculus – This course is the mathematical study of change, focusing primarily on **Differential Calculus**. Students will review key precalculus concepts and explore derivatives through rates of change, slopes of tangent lines, and limits of difference quotients. Topics include the power, product, quotient, and chain rules, implicit differentiation, and differentiation of polynomial, exponential, logarithmic, and trigonometric functions. Analytical, graphical, and numerical methods are used together, with applications and technology—including graphing calculators and computers—integrated throughout. College credit may be earned through Lane Community College with a grade of C- or higher.

COLLEGE NOW (MTH 252): CALCULUS (INTEGRATION) (02121B)

Length and Credit: 1 Quarter / 0.5 credit

Prerequisite: Pre-Calculus, MTH251 (Pass with a 70% C- or better) and Departmental Recommendation

Grade Levels: 11-12

Calculus II – This course focuses on Integral Calculus, exploring definite and indefinite integrals. Students study properties of the definite integral, the Fundamental Theorems of Calculus, antiderivatives, techniques of indefinite integration, and methods for approximating definite integrals. Applications and technology, including graphing calculators and computers, are integrated throughout. College credit may be earned through Lane Community College with a grade of C- or higher.

COLLEGE NOW (STAT 243Z): ELEMENTARY STATISTICS (02201/02201B)

Length and Credit: 2 Quarter / 1.0 credit

Prerequisite: Departmental Recommendation / Algebra 2

Grade Levels: 11-12

The purpose of statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data: Describing patterns and departures from patterns. Sampling and Experimentation: Planning and conducting a study. Anticipating Patterns: Exploring random phenomena using probability and simulation. Statistical Inference: Estimating population parameters and testing hypotheses. Students who successfully complete the course and/or AP exam may receive credit for a one-semester introductory college statistics course. **College credit may be obtained through Lane Community College by passing with at least a 70% C- or better and/or by taking the AP Test and passing with at least a score of 3.**

Music Performing Arts

Classes are open to students of all grade levels. Concert Band is a full-year commitment. All other classes are 1 quarter in length.

Concert Band

Grade Levels: 9-12

1 Elective Credit

Music Fundamentals

Grade Levels: 9-12

0.5 Elective Credit



Choir

Grade Levels: 9-12

1 Elective Credit

Intro to Instrumentation

Grade Levels: 9-12

0.5 Elective Credit

CONCERT CHOIR (05110/05110B)**Length and Credit: 2 Quarter / 1.0 credit (can be repeated)****Prerequisite:****Grade Levels: 9-12*****This class may be repeated***

Concert Choir is designed for all students interested in singing/music regardless of previous experience or ability to read music. Students will sing a wide range of choral music from classical to contemporary and learn about the foundations of music. There will be required performances throughout the year. This is a two quarter course, students are expected to be enrolled for an entire semester.

WIND ENSEMBLE (05102/05102B/05102C/05102D)**Length and Credit: 4 Quarter / 2.0 credit (can be repeated)****Prerequisite: Teacher Approval****Grade Levels: 9-12*****This class may be repeated***

Full Year participation required

Participation in Wind Ensemble requires previous experience. This is a performance group that plays 3 home concerts a year, is the school pep band for football and basketball games, competes in state competitions, and travels. Students will learn basic music theory as well as ensemble and solo performance skills. This is a four quarter course, students are expected to enroll for an entire year.

FOUNDATIONS OF MUSIC (05118)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

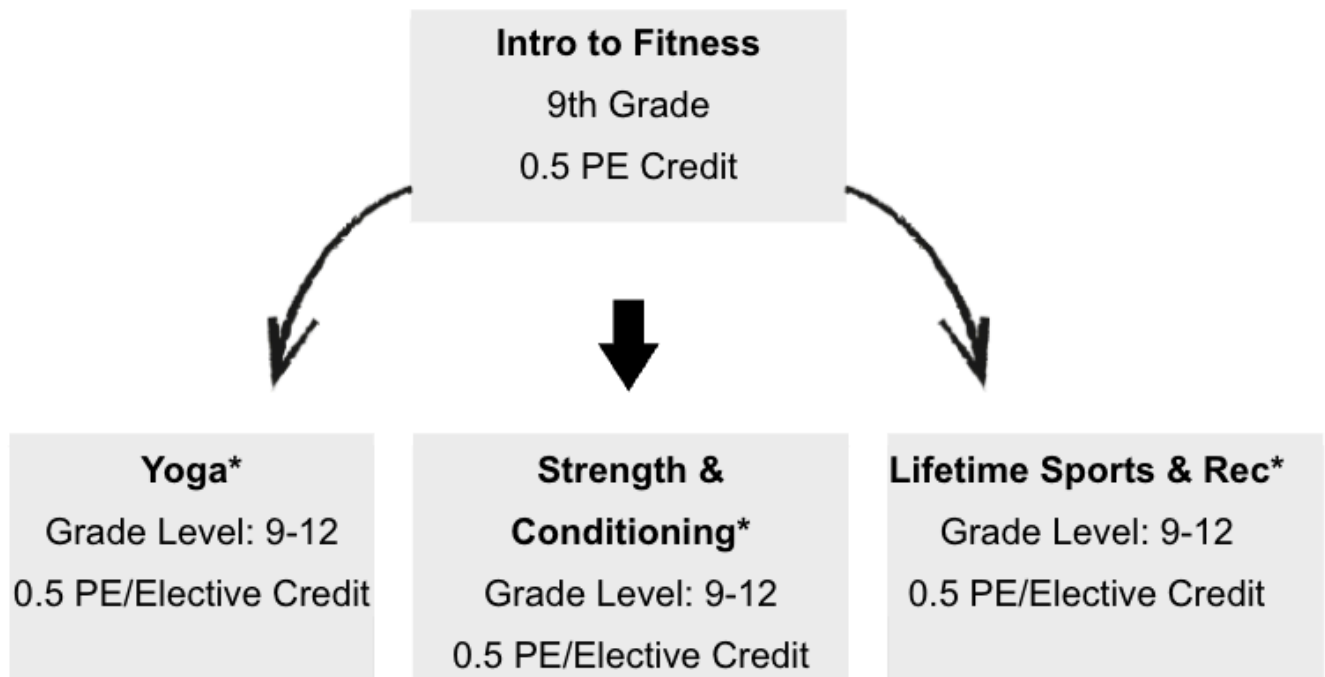
This introductory music course is open to students with no previous musical experience. Students develop foundational music reading skills, participate in in-class performance using a variety of instruments, and explore key concepts in music history and appreciation.

INTRODUCTION TO INSTRUMENTATION (05109A)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Recommended: Foundations of Music****Grade Levels: 9-12**

Introduction to Instrumentation course focuses on foundational music education, including basic music literacy and hands-on exploration of musical instruments. Course objectives include helping students develop fundamental skills in reading music, understanding rhythm and pitch, and producing sound on a variety of instruments. Through guided instruction and experiential learning, students explore proper playing techniques, instrument care, and ensemble skills, building a strong foundation for future participation in band or other music courses.

Physical Education

Students are required to earn 1.0 credits in the area of Physical Education to satisfy graduation requirements. Students are able to repeat PE classes denoted with an asterisk (*) after Intro to Fitness to earn Elective Credits.



INTRO TO FITNESS (08016P)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9**

This class fulfills .50 PE credit towards graduation requirements. This is a required course that provides students the opportunity to experience a variety of fitness activities and knowledge to maintain lifelong fitness. This course will include the following: components of fitness, principles and guidelines to maintain a healthy physical lifestyle, good sportsmanship, and teamwork.

STRENGTH AND CONDITIONING (08016W/08016W2/0816W3/0816W4)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Passed Intro to Fitness with a C or higher -or-Teacher Approval****Grade Levels: 9-12*****This class may be repeated***

This class is designed to introduce and educate students in key areas of health and fitness. Main areas of focus are muscular strength and endurance, cardiovascular endurance, flexibility and balance. Students will learn basic workout techniques to help the students reach realistic and attainable goals while increasing their overall physical fitness. This course does require a high level of physical activity and dressing for class is required.

LIFETIME SPORTS AND RECREATION (08004)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12*****This class may be repeated***

This class is designed for students interested in participating in and learning skills/strategies of individual sports and team sports. Activities may include but are not limited to: badminton, tennis, basketball, volleyball, soccer, floor hockey, etc. This course will also include fitness activities.

YOGA (08016Y)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: 9-12 (9th Grade: Must have completed Intro to Fitness prior.)****Grade Levels: 9-12*****This class may be repeated***

This class is designed for students interested in participating in and learning a variety of yoga based fitness and training exercises in order to enhance physical wellness.

Science

Students need three (3) credits of Science to meet graduation requirements

Science Pathways

Students planning on attending 4-year university immediately after high school must earn 3.0 science credits with C- or better.
Students planning on participating in collegiate athletics must enroll in NCAA approved courses marked with an asterisk (*)

Biology*
9th Grade
1.0 Science Credits



Chemistry*
10th Grade
1.0 Science Credits



Physics*
11th Grade
1.0 Science Credits

Elective Science Classes

Advanced Chemistry*
1.0 Elective Credits
prereq. Chem, Alg 1

Advanced Biology
1.0 Elective Credits
prereq. Bio, Chem

Biotechnology
1.0 Elective Credits
prereq. Bio

**Allied Health
Chemistry**
1.0 Elective Credits
prereq. Chem, Alg 1

Robotics
1.0 Elective Credit

BIOLOGY (03051/03051B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite:****Grade Levels: 9**

This course is designed to introduce students to the study of the structure and function of various biological systems. It covers different levels and complexities of organisms from microscopic bacteria to the mammals. Emphasis will be placed on the cell biology associated with specific life processes such as homeostasis and inheritance. Students will also participate in many labs and inquiry-based studies of organisms found in the plant and animal kingdom.

ADVANCED BIOLOGY (03052/03052B) WOU (BIO 101/102)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Biology and Chemistry****Grade Levels: 11-12**

Advanced Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, ecology, and interactions. Students should have successfully completed high school courses in biology and chemistry. This course offers an opportunity to earn 8 college credits in BIO101/102 from Western Oregon University

CHEMISTRY (03101/03101B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Biology****Grade Levels: 10**

Through scientific inquiry, engineering design, and critical thinking, students discover and apply patterns in major Chemistry topics such as atomic structure, periodic trends, chemical reactions, and chemical bonding. Earth science topics relating to weather and climate in the context of chemistry are also explored. An important aim of the course is to challenge and further develop students' problem solving skills, scientific literacy and communication skills.

ADVANCED CHEMISTRY (03102/03102B) WOU (CHEM 104)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Chemistry and Algebra I****Grade Levels: 11-12**

This class is in addition to general Chemistry. Focus areas include and extend upon basic knowledge of scientific measurement and analysis, atomic structure, chemical nomenclature, balancing equations, stoichiometry, and energy dynamics. It offers an opportunity to earn 4 college credits in CH104 from Western Oregon University which can be transferred to the college of your choosing in Oregon (as well as other colleges outside of the state on a college by college basis).

ALLIED HEALTH CHEMISTRY (03203/03203B) WOU (CHEM 103)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Chemistry and Algebra I****Grade Levels: 11-12**

This 5-credit college chemistry course is designed for students pursuing health science professions (such as nursing), as well as those minoring in Medicinal Chemistry and Pharmacology: Health and Community Track or Forensic Science for non-chemistry majors. It integrates fundamental concepts from general, organic, and biochemistry as applied to the health professions. Topics include atomic bonding, measurement, stoichiometry, solutions, pH, and acid–base chemistry; the structure, properties, nomenclature, reactivity, and occasional synthesis of carbon-, hydrogen-, nitrogen-, and oxygen-containing organic compounds; and the structures and functions of biological macromolecules and key biochemical pathways in relation to human health. The course meets pre-nursing and other allied health program requirements and offers 5 transferable college credits (CH103) from Western Oregon University, applicable within Oregon and, on a college-by-college basis, outside the state.

PHYSICS (03151/03151B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite:****Grade Levels: 11**

This course is designed to help students think carefully about the underlying features of our natural world that apply equally to animate and inanimate objects. An important goal of this course is the preparation of students for more advanced work at the college level, while giving a useful understanding of how things work and a process of proceeding to such an understanding. An emphasis will be placed on conceptual understanding.

SCIENCE ELECTIVE

ROBOTICS (21009)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite:****Grade Levels: 9-12**

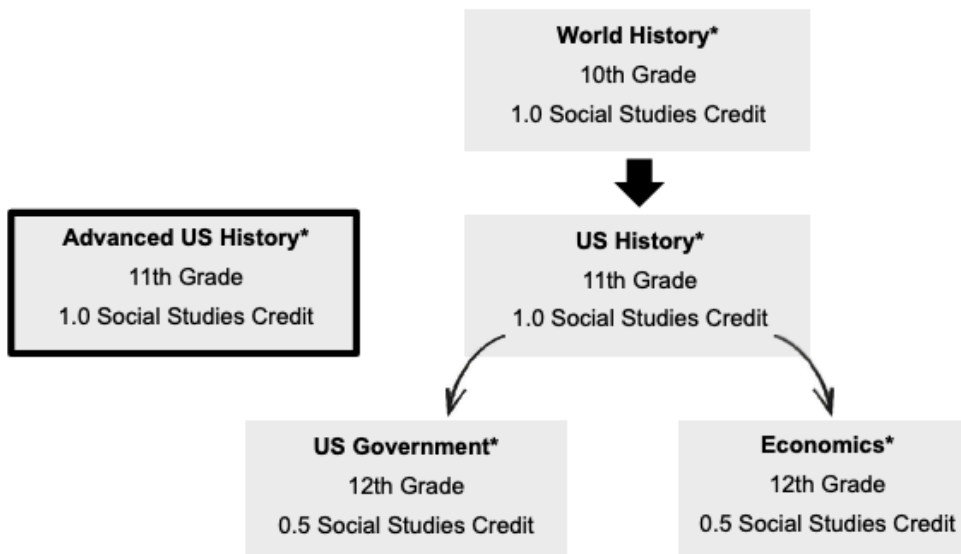
This is a beginning course in robotics. We will be utilizing Robotis STEM kits, RoboPlus software and various Robotics materials. The objective of this course is to introduce the student to basic programming as well as problem solving strategies. This course will involve students in the development, building and programming of a Robotis STEM Robot. Students will work hands-on in teams to design, build, program and document their progress. Topics may include motor control, gear ratios, torque, friction, sensors, timing, program loops, logic gates, decision-making, timing sequences, propulsion systems and binary number systems. Student designed robots will be programmed to compete in various tasks as developed by Robotis STEM.

Social Studies

Students need three (3) credits in the following Social Studies courses to meet graduation requirements:

1.0 World History, 1.0 US History, 0.5 Econ, 0.5 Government

Students planning on attending 4-year university immediately after high school must earn 3.0 social studies credits with C- or better. Students planning on participating in collegiate athletics must enroll in NCAA approved courses marked with an asterisk ()*



Elective Social Studies Classes

Psychology* Grade Levels: 10-12 0.5 Elective Credits	Sociology* Grade Levels: 10-12 0.5 Elective Credits	Pop Culture Grade Levels: 9-12 0.5 Elective Credits
World Sports History Grade Levels: 9-12 0.5 Elective Credits	Intro to Anthropology Grade Levels: 9-12 0.5 Elective Credits	U.S. Wars and Military Conflicts Grade Levels: 10-12 0.5 Elective Credits

WORLD HISTORY (04061/04061B)**Length and Credit: 2 Quarter /1.0 credit****Prerequisite:****Grade Levels: 10 (required)**

World History is a 2 quarter social studies requirement for 10th grade students. This class will involve the study of maps, charts, locations, cultures and resources with an emphasis on North America, Europe and Asia. Historical elements of the course will include world and American history from the 1890's to the end of the Second World War. Topics emphasized will be the Progressive Movement, Colonialism/Imperialism, Revolutions (Mexico, China, Russia and Germany), and the causes and results of the two world wars. Students will use timelines to identify the relationships between important events from this course. Additionally, the interpretation of data, documents, and other materials, with emphasis on geographical and historical themes will be completed.

U.S. HISTORY (04101/04101B)**Length and Credit: 2 Quarter /1.0 credit****Prerequisite:****Grade Levels: 11 (required)**

United States History is a 2 quarter course required for graduation. The course will begin with a review of the revolutionary war and the crafting of our constitution in 1776. The course will then span American history focusing on a great deal on 19th/20th century history. The main themes will be centered on political, economic, and social developments in America with respect to our cultural developments – domestically and in terms of international relations. The curriculum will follow state mandated requirements.

ADVANCED U.S. HISTORY (04149/04149B)**Length and Credit: 2 Quarter /1.0 credit****Prerequisite:****Grade Levels: 11**

Advanced U.S. History is designed to be the equivalent of a two quarter introductory college or university U.S. history course. In Advanced 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 environment; and culture and society. **Up to nine (9) college credits may also be available through Willamette Promise.** Talk to the instructor for requirements.

U.S GOVERNMENT (04151)**Length and Credit: 1 Quarter /0.5 credit****Prerequisite:****Grade Levels: 12 (required)**

This quarter-long course will examine the democratic foundations, structures, and institutions of American government at local, state, and national levels. Students will study the political processes to gain an understanding of the role of the individuals in the decision-making process of the American government. Students will also learn about the rights and responsibilities of the citizens of the United States. By investigating the American government through a variety of methods, including examining primary source documents, conducting research projects, class discussion, and written essays students will gain a deeper understanding of the function of the United States Government.

ECONOMICS (04201)**Length and Credit: 1 Quarter /0.5 credit****Prerequisite:****Grade Levels: 12 (required)**

Economics is a required course that covers a variety of categories. The general overview of economic systems will be studied first, followed by the more specific study of national and international economies. Throughout the term special emphasis will be given to the study of our marketing system—the free enterprise system. Emphasis will be placed on the study of international trade, the American labor force, and understanding economic indicators, the Federal Reserve System and comparative economic systems. Special emphasis will be placed on careers in economic related areas.

Social Studies Electives

PSYCHOLOGY (04254)**Length and Credit: 1 Quarter /0.5 credit****Prerequisite:****Grade Levels: 10-12**

This course will be a survey course of the modern discipline of psychology. Students will have an opportunity to learn about major theorists in the discipline and understand their concepts involving mental disorders, mental health, societal norms, and clinical definitions. Students will also learn some of the skills associated with conducting psychological testing and methodologies necessary for providing for validity and reliability.

SOCIOLOGY (04258)

Length and Credit: 1 Quarter /0.5 credit

Prerequisite:

Grade Levels: 10-12

The purpose of this sociology course is to provide students with a chance to examine human social interaction and the ways in which individuals are influenced by other people and society. Students will learn how to become more reflective of themselves, their community, and their society. Sociology focuses on special topics such as: groups, culture, socialization, and inequalities (gender, social class, race, ethnicity). This class will explore these areas through sociological readings and engaging in discussion and simulation. Upon completion of this course, students should gain a better understanding of themselves and their place in the social world. Though this class will help prepare students to take sociology in college, it will also help all students think critically about society in general and their own lives specifically.

POP CULTURE (04302)

Length and Credit: 1 Quarter /0.5 credit

Prerequisite:

Grade Levels: 9-12

America is in many ways defined by our popular culture and has been for the past century. Pop culture is all around us, influencing how we think, how we feel, and how we live our lives. Over the course of 9 weeks, we'll study topics ranging from celebrities & icons to music and social media. We'll also spend time talking about tv, art, sports, dance, fashion and technology. All of these topics can't be separated from the history and events happening in that time so you will need to draw on your knowledge of the various decades of the 20th century (no worries though, we'll review the relevant details at the start of each unit!) In a world that is increasingly saturated with media, you need to be savvy consumers of popular culture. This course will draw on your own experience as consumers of popular culture as a starting point for exploring the various roles popular culture plays in our lives.

U.S. WARS AND MILITARY CONFLICTS (04110)

Length and Credit: 1 Quarter /0.5 credit

Prerequisite:

Grade Levels: 10-12

United States Military History is a 9 week course designed to provide students with an opportunity to learn about the politics, strategies, tactics, causes, and effects of American armed conflict. The realities of war will be researched, discussed, viewed, and debated through historical documentaries, primary and secondary source documents, literature, eyewitness accounts, oral histories, and class projects. This course will allow students to do deeper learning about military conflict in United States history. This course will address the impacts of military conflict on a diverse population including historically marginalized groups and allow students to develop their historical thinking skills. Students will have opportunities to practice and develop reading, writing, speaking, and listening skills.

WORLD SPORTS HISTORY (04099)**Length and Credit: 1 Quarter /0.5 credit****Prerequisite:****Grade Levels: 9-12**

In this course we will explore the significance of sport in American history. As we read stories of races won, touchdowns scored, and players rounding the bases, we will look beyond the action on the field of competition and focus on these main themes: the impact of immigration, industrialization, and urbanization on the games Americans played; the class origins of sports like baseball, boxing, and football; sport and the conflict between labor and capital; racial prejudice, exclusion, and integration in sport; athleticism and the evolving ideas about masculinity and womanhood; the links between sport, patriotism, and national identity; and sport as an arena for political protest. Regardless of the particular topic, throughout the semester I will ask you to consider how sports have reflected larger trends in American life as well as influenced American history and the world we occupy today—whether this influence has been positive or negative is another question we will consider.

INTRO TO ANTHROPOLOGY (04251)**Length and Credit: 1 Quarter/0.5 credit****Prerequisite:****Grade Levels: 9-12**

Intro to Anthropology is a course designed to introduce the concepts of studying humans of the past and present in the four main fields of Archaeology, Biological Anthropology, Cultural Anthropology, and Linguistics. The class studies how humans have interacted with the environment both biologically and culturally while appreciating ancestral human heritage and origins.

Special Supports

Students are placed into these classes as a support for their Individualized Education Plan (IEP)

Employability Skills

Grade Level: 11-12

0.5 Credits

Fundamentals of English/Consumer Math

Grade Level: 9-12

1.0 Credits (0.5 & 0.5)

Tutorial

Grade Level: 9-12

1.0 Credits

EMPLOYABILITY SKILLS (22152)

Length and Credit: 1 quarter/.5 credit

Prerequisite: None

Grade Levels: Junior and Senior

This class can be repeated

This elective course provides students with practical, hands-on experience and fundamental skills necessary for success in various technical and professional industries. It emphasizes both "soft" employability skills—such as communication, punctuality, and professionalism—and "hard" technical skills tailored to specific trade, business, or service industries. Students will learn to write a functional resume, fill out job applications, do mock job interviews, hear from real professionals, learn how to find housing and understand how much money is needed in today's economy to be successful.

FUNDAMENTALS OF ENGLISH (01999//01999B/01999C/01999D))**Length and Credit: 4 Quarters / 1.0 credit (.25 credit per Quarter)****Prerequisite: Placement****Grade Levels: 9-12*****This class may be repeated***

This course will serve as a support to the introduction of English Literature with an emphasis on supplementing students' knowledge of basic conventions in reading and writing. Readings will include short stories, novels, poems, speeches and essays. Writings will generally be narrative, informative or argumentative. Focus will also be on individual vocabulary development, critical thinking skills, research skills and improvement of basic reading and writing skills.

CONSUMER MATH (02157)**Length and Credit: 4 Quarters / 1.0 credit (.25 credit per Quarter)****Prerequisite:****Grade Levels: 9-12*****This class may be repeated***

Consumer Math helps students develop and strengthen foundational math skills needed for academic success and everyday life. Through interactive activities and practice, students build numeracy, problem-solving, and critical thinking skills. Topics include arithmetic operations; fractions, decimals, percentages, ratios, and proportions; basic algebra concepts such as simplifying expressions and solving equations and inequalities; and introductory measurement, geometry, and statistics, including calculating area, perimeter, volume, identifying shapes, and interpreting data. Emphasis is placed on real-world applications such as budgeting, financial calculations, and practical problem-solving, building student confidence and mathematical proficiency.

TUTORIAL (22005)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Placement****Grade Levels: 9-12*****This class may be repeated***

Tutorial is designed to assist students learn, understand, and reinforce concepts and/or assignments presented in the general curriculum. Students have the opportunity to develop and strengthen good study habits and learning strategies through various instructional methods. Specific goals and objectives identified in the student's IEP will be integrated into the class. The tutorial teacher will collaborate with regular education teachers on an ongoing basis to develop study strategies and design lessons to best meet academic requirements of the regular classroom while also providing specially designed instruction.

World Languages

Creswell High School Graduates need to complete a minimum of 3 total credits in the CTE, Fine Arts, or World Languages pathways.

Four-Year College Note

Two courses of the same world language are required for admittance to a four-year university. Students planning on participating in collegiate athletics must enroll in NCAA approved courses marked with an asterisk ()*

Boxes with a black border denote possibility of earning college credit through the College Now program

Spanish I*
Grade Levels: 9-12
1.0 Credits
College Credit Possible



Spanish II*
Grade Levels: 10-12
1.0 Credits
College Credit Possible

Spanish Peer Tutor
Grade Levels: 11-12
1.0 Credits



Spanish III*
Grade Levels: 11-12
1.0 Credits
College Credit Possible



Spanish IV
Grade Levels: 11-12
1.0 Credits
College Credit Possible

SPANISH 1 (24052/24052B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite:****Grade Levels: 9-12**

This is the first course in a three course sequence that provides the first year of college-level language classes. This sequence emphasizes the development of listening, speaking, reading, writing, and intercultural communication skills. In Spanish 1, students will learn to converse and write about a variety of common, every-day topics using the vocabulary and grammatical structures introduced in the course. Emphasis is also placed on writing, reading, listening, and learning about Hispanic cultures. This is a two-quarter course to be completed during the same school year. **Students in this class may receive dual credit by completing this course.** Talk to the instructor for requirements.

SPANISH 2 (24053/24053B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Spanish 1****Grade Levels: 10-12**

This is the second course in a three-course sequence that provides the first year of college-level language classes. This sequence emphasizes the development of listening, speaking, reading, writing, and intercultural communication skills. In Spanish 2 students will build on material learned in their prior study, to converse in and write about a variety of common, every-day topics using the vocabulary and grammatical structures introduced in the course. These courses (1, 2, 3, as well as the second year sequence: 4, 5, 6) are designed as a sequence, therefore they must be taken sequentially and may not be taken concurrently. This is a two-quarter course to be completed during the same school year. **Students in this class may receive dual credit by completing this course.** Talk to the instructor for requirements.

SPANISH 3 (24054/24054B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Spanish 2****Grade Levels: 11-12**

This is the third course in a three-course sequence that provides the first year of college-level language classes. This sequence emphasizes the development of listening, speaking, reading, writing, and intercultural communication skills. In Spanish 3, students will build on material learned in their prior study, to converse in and write about a variety of common, every-day topics using the vocabulary and grammatical structures introduced in the course. These courses (1, 2, 3, as well as the second year sequence: 4, 5, 6) are designed as a sequence, therefore they must be taken sequentially and may not be taken concurrently. This is a two-quarter course to be completed during the same school year. **Students in this class may receive dual credit by completing this course.** Talk to the instructor for requirements.

SPANISH 4 (24055/24055B)**Length and Credit: 2 Quarter / 1.0 credit****Prerequisite: Spanish 3****Grade Levels: 11-12**

This is the first course of a three-term sequence (SPAN 4-SPAN 5-SPAN 6) designed to provide one full year of college level transfer courses at the intermediate (second year) level. SPAN 4-SPAN 5-SPAN 6 builds on Spanish language skills acquired through the beginning, first year sequence (SPAN 1-SPAN 2-SPAN 3) and expands upon them to develop student skills at an intermediate language level. This sequence emphasizes the development of listening, speaking, reading, writing, and intercultural communication skills at the intermediate level. SPAN 4-SPAN 5-SPAN 6 are designed as a sequence, therefore they must be taken sequentially and may not be taken concurrently. This is a two-quarter course to be completed during the same school year. **Students in this class may receive dual credit by completing this course.** Talk to the instructor for requirements.

SPANISH PEER TUTOR (22054)**Length and Credit: 1 Quarter / 0.5 credit****Prerequisite: Teacher and Administrator Approval****Grade Levels: 11-12*****This class may be repeated***

Peer Tutoring provides an opportunity for high school students to work as tutors for students who may be experiencing difficulties in school. After a brief orientation, students will be placed in tutorial positions where they will assist other students, either on a one-to-one basis or in a small group setting.

