



Course Catalog
CHS

2025-2026

Welcome to Creswell High School

We hope this curriculum guide helps relay information regarding course offerings, credits, elective offerings, graduation and post-graduation planning. This guide contains essential information for the description, sequence, and selection of courses at Creswell High School. The intent is to assist students, parents and guardians in the development of a program of studies. In the spring of each year, 8th through 11th grade students forecast their classes for the upcoming school year with the assistance of the Creswell High School counselors and advisors. Each year parents of incoming 9th graders are invited to attend a parent night, which is planned at about the same time our counseling team visits students at the middle school to assist in forecasting. Please keep in mind that the information provided is subject to change by the time the next school year arrives, especially in years where budgetary reductions impact staffing levels. We hope you are able to plan according to the needs of your student.

Common Schedule Change Questions

Students and parents on occasion ask for special considerations from counselors and administrators when courses are being forecasted. In some situations, we are able to accommodate, but it depends on the type of request. We take student forecasting selections seriously, therefore, schedule corrections may only be made in the event of an error. To help understand common questions that are asked, we have developed the following protocols:

- Can my student request a particular teacher?

Often referred to as “teacher shopping”, students will not be allowed to choose their teachers. This practice is impractical when scheduling for all students. All teachers are highly qualified in their subject area.

- Can you move my student to another teacher, my student has a problem with a teacher?

If a student alleges a concern with a teacher, the student and parent are encouraged to first schedule a meeting to resolve the concern. The following is the recommended protocol: A conference with the teacher, guardian, student, and counselor in order to address the concern and discuss solutions. We ask that all student/guardian concerns be discussed with the teacher as soon as possible so positive outcomes can be explored.

- If no resolution is obtained in the first conference, a second conference will occur between the teacher, guardian, student, and counselor, with the addition of the supervising administrator of the teacher to discuss concerns and potential resolutions.

- Can my student have a free fourth period? He/she/they is an athlete so there is no way that they can get ready for practice in time, plus traveling can cause lost classroom time.

Creswell has a lot of student-athletes, and most would like to have special consideration for a certain period off. However, it is impossible to build a master teaching schedule in that manner because class sizes must remain balanced (and as small as possible) for all four periods of the day. Imbalances would definitely occur if numerous athletes ask for an open period. In addition, core classes will need to be balanced for a four-period day so student athletes can also expect to have core classes in the afternoon.

- Can my student have a certain course at a certain period of the day?

Students often like to have classes with certain friends, but that is a difficult way to run an efficient master teaching schedule for a large student body. Creswell has a common lunch and breaks, and we encourage friends to connect during those times. In addition, not all classes will be taught during all periods of the day or all quarters.

- Can you make sure my student does not have a quarter gap between their first half and second half of a course?

All students will likely experience a gap between a few of the two-semester courses, which is normal with a 4 by 4 schedule. For example, a student may have Biology A in the first quarter and have Biology B in the third quarter. In an effort to maintain balanced courses, students cannot move the second part of a course to eliminate the gap.

Academic Help/Support

If a student finds that they are having a difficult time in a class, here are several recommendations in order to get help:

1. Ask your Teacher for Help. Your teacher is going to know the situation best and would be a good place to start. Teachers are available to you before school from 7:45-8:25 AM in their classroom by appointment. You can email your teacher as well. Email addresses are located on the Creswell High School website. Some teachers have homework assignments and homework hints on google classroom. Also check Home Access for missing assignments. Ask your teacher if they have a google classroom for their class or check the course syllabus. You may want to leave a message in your teacher's mailbox.
2. Online courses are offered to help provide credit recovery opportunities for students to make up for missing or failed classes. This is referral based and requires a meeting with your counselor or case manager.
3. After School Homework Help EVERY WEDNESDAY after school.
4. Other Academic Tools. There are other things that parents and students can do to manage their homework and class assignments.
 - Home Access: calendar, email contacts, list of assignments and grades. You can sign up for Home Access with the main office.
 - Grades & Attendance: Go to Home Access for details.
 - Weekly Homework Completion Form: There are tracking forms available for students at the front desk in the main office or from Advisory teachers.
 - Planners/Daily Calendars: Many teachers write their daily assignments and homework on the board. Students should take responsibility to write down the assigned work and the due dates into a planner or calendar.
 - Study Groups/Classmates: Working together with others is helpful, especially when each student is assigned a section or a concept to teach the rest of the group. The person teaching others will have an even better understanding and is more likely to remember the learning experience.
 - Websites/Local Businesses: If you Google "homework help," you will get a wealth of links. Some businesses in the area provide tutoring and/or standardized test preparation. Look online, ask a counselor for ideas, especially for the SAT, PSAT and ACT.

CRESWELL HIGH SCHOOL
 Graduation Plan
 Diplomas

A high school diploma will be awarded to students in grades 9 through 12 who complete a minimum of 25 credits depending upon when the student first enrolled as a freshman according to the following table:

Subject	Credit
English	4
Math	3 (at Algebra I level and higher)
Science	3
Social Studies	2
Government	.50
Economics	.50
Health	1
PE	1
Personal Finance	.50
Career Technical Ed, The Arts or Second Language (in any one or combination thereof)	3
Electives	6.50
Creswell HS Diploma total credits required	25
Essential Skills required:	<i>Read</i> and comprehend a variety of text, <i>write</i> clearly and accurately, apply <i>math</i> .
	<i>Read</i> and comprehend a variety of text, <i>write</i> clearly and accurately, apply <i>math</i> , and any additional Essential Skills adopted by the State Board of Education.
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 experiences

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 math and English requirements if the student has met or exceeded the academic content standards for or displays proficiency in mathematics or English, as demonstrated on Oregon state assessments.

Modified Diploma

A modified diploma will be awarded only to students who have demonstrated the inability to meet the full set of academic standards for a high school diploma, even with reasonable modifications and accommodations. On or after July 1, 2009, a modified diploma may only be awarded to a student who meets the eligibility criteria listed below:

1. Has a documented history of an inability to maintain grade level achievement due to significant learning and instructional barriers; or
2. Has a documented history of a medical condition that creates a barrier to achievement.

Having met the above eligibility criteria, a modified diploma will be awarded to students who complete 24 credits which shall include:

Subject	Modified Diploma requirements
English	3
Math	2
Science	2
Social Studies	2
Health	1
PE	1
Career Technical Ed, The Arts or Second Language	1
Personal Finance	.50
Electives	11.50
Total credits required for modified diploma:	24

Essential Skills required:	Read and comprehend a variety of text, write clearly and accurately, apply math, and any additional Essential Skills adopted by the State Board of Education.
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Other graduation requirements:	Develop an education plan and build an education profile.
	Demonstrate extended application through a collection of evidence.

Districts may make modifications to the assessment for students who seek a modified diploma when the following conditions are met:

1. For a student on an IEP, any modifications to work samples must be consistent with the requirements established in the IEP. Modifications are changes to the achievement level, construct, or measured outcome of an assessment. This means that IEP or school teams responsible for approving modifications for a student's assessment may adjust the administration of the assessment and/or the assessment's achievement standard.
2. For a student not on an IEP, any modifications to work samples must have been provided to the student during his/her instruction in the content area to be assessed, and in the year in which the student is being assessed, and modifications must be approved by the school team that is responsible for monitoring the student's progress toward the modified diploma.

Students not on an IEP or a 504 Plan may not receive a modified OAKS assessment.

A student's school team shall decide that a student should work toward a modified diploma no earlier than the end of grade six and no later than two years before the student's anticipated exit from high school.

A student's school team may decide to revise a modified diploma decision.

A student's school team may decide that a student who was not previously working towards a modified diploma should work towards one when the student is less than two years from anticipated exit from high school if the documented history has changed.

Extended Diploma

Beginning in the 2009-2010 school year, an extended diploma will be awarded only to students who have demonstrated the inability to meet the full set of academic content standards for a diploma while receiving modifications and accommodations. To be eligible for an extended diploma, a student must:

1. While in grade nine through completion of high school, complete 12 credits, which may not include more than six credits in a self-contained special education classroom and will include:
 - a. Two credits of mathematics;
 - b. Two credits of English;
 - c. Two credits of science;
 - d. Three credits of history, geography, economics, or civics;
 - e. One credit of health;
 - f. One credit of physical education;
 - g. One credit of the arts or a second language.
2. Have a documented history of an inability to maintain grade level achievement due to significant learning and instructional barriers; or
3. Have a documented history of a medical condition that creates a barrier to achievements; and
4. Participate in an alternate assessment beginning no later than grade six and lasting for two or more assessment cycles; or
5. Have a serious illness or injury that occurs after grade eight, that changes the student's ability to participate in grade level activities and that results in the student participating in alternate assessments.

Alternative Certificates

Alternative certificates will be awarded to students who do not satisfy the requirements for a diploma, modified diploma or extended diploma if the students meet minimum credit requirements established by the district. Alternative certificates will be awarded based on individual student needs and achievement.

Required Course of Study

<u>Freshmen</u>		<u>Sophomore</u>	
English/Hrs. English	1.0	English/Hrs. English	1.0
Science	1.0	Science	1.0
Health 1	.50	Math	1.0
9 th Grade (PE)	1.0	Social Science	1.0
Math	1.0	Electives	4.0
Explore Career Pathways	.50		
Electives	3.0		
<u>Junior</u>		<u>Senior</u>	
English/Hrs. English	1.0	English/Hrs. English	1.0
Math	1.0	Personal Finance	.50
		Health 2	.50
Social Science	1.0	Government	.50
Science	1.0	Economics	.50
		Electives	5.5
Electives	3.5		

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 admissions to four-year universities to those students who show promise of eventual college success. We recommend students contact the admissions offices for updates. Admission to any of the state's seven public colleges/universities (U of O, OSU, PSU, SOU, WOU, EOU and OIT) is based on the following but is subject to change: 1. U of O: 3.40 GPA & 15 academic units 2. OSU, EOU: 3.00 cumulative GPA 3. SOU, WOU, PSU, OIT: 2.75 GPA 4. High School Subject Requirements: See following page. Admission to private schools in Oregon should be checked individually. Those students planning to go out of state can generally expect higher tuition costs as out of state students. You should check early in the year on admission dates and Western Undergrad Exchange (WUE) requirements. Students interested in going to college should contact counselors about admissions requirements, tuition, and other costs, housing, and any other problem areas. It is best, in some cases essential, that planning for college begins early if a particular college with selective admission is being considered. A carefully selected program may be necessary and achievement should be high in all subject areas. Junior students are encouraged to seek information from the College & Career Advisor if they are truly interested in a particular school and would like to know more about admission policies.

SCHOLARSHIPS Most scholarships--local, state, and national--are competitive, and some scholarships are not based on financial need, but strictly on achievement. It is important to remember that a scholarship is only a small portion of total financial aid available and the scholarship portion is very competitive. You must build a strong four-year record to be competitive for scholarships. A factor to consider is that a number of organizations and companies award scholarships to students whose parents are employees or members; check with your counselor. Also, students with highly developed skills in art, music, etc., need to check the specific department at colleges and universities. Another good idea is to run through the Career Information System (CIS) financial aid search in the school's library and then bring the resulting scholarships to the College and Career Center. There are numerous resources available on the internet. See the District College and Career Website for updates on opportunities.

COURSE REQUIREMENTS DEFINED - OREGON STATE SYSTEM OF HIGHER EDUCATION

SUBJECT	CREDITS	
English	4	Shall include the study of the English language, literature, speaking and listening, and writing, with emphasis on and frequent practice in writing expository prose all four years.
Mathematics	3	Shall include first year algebra and two additional years of college preparatory mathematics such as geometry (deductive or descriptive), advanced topics in algebra, trigonometry, analytical geometry, finite mathematics, advanced applications, calculus, probability & statistics, or courses that integrate topics from two or more of these areas. (One unit is highly recommended in the senior year. Algebra and geometry taken before the ninth grade will be accepted.)
Science	3	Shall include a year each in two fields of college preparatory science, such as biology, chemistry, physics, or earth and physical science (one recommended as a lab science).
Social Studies	3	Shall include one credit of U.S. History, one credit of global studies (world history, geography, etc.), and one credit of social studies elective (government strongly recommended).
Second Language	2	Two years of the same high school level second language, or a grade of C or better in the third year of a high school level language, or two terms of a college level second language with a grade of C or better, or satisfactory performance on an approved assessment of second language knowledge and/or proficiency. Demonstrated proficiency in American Sign Language (ASL) is acceptable in meeting the second language requirement.

TOTAL CREDITS: 15 (Some 4 year colleges require a total of 16 academic units with a C or better grades. Check with the admissions department of the university you are considering.)

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).

DUAL HIGH SCHOOL/COLLEGE CREDIT OPTIONS

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 – the College Now program through Lane Community College, Willamette Promise through Western Oregon University, and Advance Placement provided by The College Board. College Now classes are approved by Lane Community College (LCC). The classes are taught by college-approved Creswell High School teachers using college course syllabi and college textbooks when appropriate. The program provides an early orientation to college and the classes offered cover the same content specific to LCC courses. Students must meet certain grade thresholds in these classes to earn college credit. For students who choose to enroll in CN classes, LCC requires the final grade to be recorded on the LCC transcript. If the student decides to not pursue the course for CN credit after registering for it, it is important to adhere to LCC's calendar for dropping courses. 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 <http://www.lanecc.edu/es/transcripts.html>.

Willamette Promise

Willamette Promise Willamette Promise classes are approved by Western Oregon University (WOU) and offered through Willamette ESD. Creswell High School teachers receive training from Western Oregon University and offer college exams and assignments in the context of teaching their regular classes. Students who pass these proficiency-based exams and assignments earn credit in 100 level WOU courses.

Willamette Promise offers a no-risk 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.

Advanced Placement

Advanced Placement Advanced Placement (AP) 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.

AP Course/Advanced Courses at Creswell High School

AP English Literature

Advanced United States History

Advanced Statistics and Probability

Advanced Biology

Advanced Chemistry

College Writing

CRESWELL HIGH SCHOOL PATHWAY CLASSES

Architecture/Construction	Business Management Administration	Digital/Visual Arts/ Game Design	Manufacturing/Welding
Woods 1	Computer Basics	Drawing	Computer Basics
Woods 2	Accounting 1	Intro to Computer Technology	Introduction to Metals and Welding
Building Construction A	Accounting 2	Visual Communication Design (Formally Graphic Design)	Intermediate Metals and Welding
Building Construction B	Intro to Business	HTML: Web Design	Flux Core Welding
Trade Skills Fundamentals (Industry Credentials)	Computer Applications	Interactive Design	Advanced Metals and Welding 1
Drafting	Business Communications	Interactive Game Design	Advanced Metals and Welding 2
CAD (Computer Automated Drafting)	HTML: Web Design	Virtual Design	Metal/Welding Work Experience*
Drafting Projects- Ind. Study*	Marketing	Multimedia Design	Drafting
Shop Assistant*	Principles of Marketing	Computer Gaming	CAD (Computer Automated Drafting)
Computer Basics	Team Building	Media Arts	Shop Assistant*
Intro to Metals/Welding-S	Senior Business Management*	Cartooning/Animation	
Woods 3	Marketing Editor*	Media Technology Independent Study*	
		Media Technology Work Experience*	

CRESWELL HIGH SCHOOL PATHWAY CLASSES

Early Childhood Education	Agriculture	Health Sciences	Aviation (Pending)
Child Development 1	Principles of Agriculture A	Exploration of Health Careers	Aviation 1A (UAS/Pilot) (UAS-Unmanned Aerial Systems)
Child Development 2	Principles of Agriculture B	Medical Terminology 1	Aviation 1B (UAS/Pilot)
Preschool to Early Elementary	Natural Resource Management	Medical Terminology 2	Aviation 2A (UAS/Pilot)
Infants and Toddlers	Earth and Soil Science	Health Office Procedures	Aviation 2B (UAS/Pilot)
Intro to Early Childhood	Alternative Energy	Anatomy and Physiology 1	Aviation 3A (UAS- Knowledge Test)
Creative Activities for Children	Woods 1	Anatomy and Physiology 2	Aviation 3B (UAS- Knowledge Test)
Education Work Experience	Computer Basics	Sports Medicine 1	
	Intro to Metals and Welding	Sports Medicine 2	
		Sports Exercise & Physiology	
		Biotechnology	

***TEACHER APPROVAL**

BusinessPathway

Course Title	Required	Credit	College Credit
Computer Basics	No	.5	4*
Accounting 1	No	.5	4*
Accounting 2	No	.5	
Intro to Business	No	.5	4*
Computer Applications	No	.5	
Business Communications	No	.5	
HTML Web Design	No	.5	3*
Applications of Marketing	No	.5	
Principles of Marketing	No	.5	
Marketing Editor	No	.5	
Senior Business Management	No	.5	

*may receive college credit

10004 – Computer Basics

Grades 9-12

1 Quarter

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.

12104 – Accounting 1

Grade Levels: 9-12

1 Quarter

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.

121042 - Accounting 2

Grade Levels: 9-12

1 Quarter

In this course, the student will apply principles and procedures learned in Accounting 1 to create business records and reports. The student will complete an accounting simulation where they are actually in control of the financial transactions and record keeping for a business.

12051- Introduction to Business

Grade Levels: 9-12

1 Quarter

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.

10005- Computer Applications

Grades 9-12

1 Quarter

MS Office 365 is one of the most widely used applications in business and post-secondary education. This class is designed to introduce and enhance students skills in Office 365. This course will focus on accuracy in formatting documents, spreadsheets, and presentations. Students will also work to improve their typing skills with daily practice.

12009- Business Communication

Grades 9-12

1 Quarter

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.

10201 – HTML Web Design

Grade Levels: 9-12

1 Quarter

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 Best Independent Study (Web Design)

Select students in CTE and Arts programs work with an instructor to work towards goals for the BEST program.

Independent web design course. Students will build a website for school related or community needed projects for this course. Prerequisites are html Web Design and Business Pathway trajectory. Students will always have one personal project and one school project assigned of their choosing so as always to have assignments to do. Students are required to present a design blueprint for instructor approval before beginning. The instructor will evaluate student knowledge of coding and design.

12152B- Applications of Marketing

Grade Levels: 9-12

1 Quarter

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.

12152-Principles of Marketing

Grade Levels: 9-12

1 Quarter

Principles of Marketing is an introductory course that presents basic marketing concepts, the marketing mix, corporate social responsibility, global marketing, consumer decision-making, market segmentation, target marketing, and marketing research. This course serves as a workshop for students to work with local businesses to create advertisements for inclusion in the CHS annual.

12152E- Marketing Editor

Grade Levels: 9-12

1 Quarters

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.

12998- Senior Business Management

Grade Levels: 12

1 Quarter

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 as well as working shifts during lunch hour. The course will give students the opportunity to work as a manager in the school store.

Additional Business Electives not in the Pathway

22210 - Personal Finance

Grade Levels: 12

1 Quarter

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.

Health Occupations Pathway

Course Title	Required	Credit	College Credit
Exploration of Health Careers	No	.5	
Medical Terminology 1	No	.5	3*
Medical Terminology 2	No	.5	
Health Office Procedures	No	.5	3*
Anatomy and Physiology	No	1.0	6*
Sports Medicine 1	No	.5	
Sports Medicine 2	No	.5	

*may receive college credit

14001 - Exploration of Health Care Careers

Grade Levels: 9-12

1 Quarter

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. Students in this class may receive dual credit by completing this course. Talk to the instructor for requirements.

14154 - Medical Terminology 1

Prerequisite: Biology

Grade Levels: 10-12

1 Quarter

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.

141542 - Medical Terminology 2

Prerequisite: Medical Terminology 1

Grade Levels: 10-12

1 Quarter

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.

14002 - Health Office Procedures

Prerequisite: Biology

Grade Levels: 10-12 or **Teacher Approval**

1 Quarter

This course contains the principles and practical application of knowledge for student success in a health office practice, including general health office procedures, legal and ethical concerns of confidentiality & privacy, fundamentals of client reception, appointment scheduling, telephone techniques and letter composition. Students in this class may receive dual credit by completing this course. Talk to the instructor for requirements.

03053/03053B - Anatomy and Physiology

Prerequisite: Biology. Chemistry is strongly recommended.

Grade Levels: 11-12 or **Teacher Approval**

2 Quarters

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. Talk to the instructor for requirements.

14062- Sports Medicine 1

Grade Level: 9-12

1 Quarter

This course is an introduction to the field of sports medicine and will explore the many professions of sports medicine, laws & ethics of sports healthcare, basic terminology, functional movement/anatomy, and emergency preparedness which will include recognizing and treating wounds and injuries, emergency action plans, as well as allowing students to earn a CPR certification.

14099- Sports Medicine 2

Prerequisite: Sports Medicine 1

Grade Level: 9-12

1 Quarter

This course will build upon the concepts of sports medicine 1 by looking closer at sports related injuries of the upper and lower extremities, and head/neck/spine injuries, including concussions. The students will also learn rehabilitation techniques, how to write rehab programs, understand the purpose of therapeutic modalities, and injury prevention principles.

08017- Sports and Exercise Physiology

Prerequisite: Biology

Grade Level: 10-12

1 Quarter

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.

14252 - Biotechnology

Prerequisite: Biology

Grade Level: 10-12

1 Quarter

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.

Visual/Digital Arts/Video Game Technology Pathway

Course Title	Required	Credit	College Credit
Drawing	No	.5	
Intro to Computer Technology	No	.5	
Visual Communication Design	No	.5	
HTML: Web Design	No	.5	3*
Interactive Design	No	.5	
Interactive Game Design	No	.5	
Virtual Design	No	.5	
Multimedia Design	No	.5	
Computer Gaming	No	.5	
Media Arts	No	.5	
Cartooning/Animation	No	.5	
Media Technology Independent Study	No	.5	
Media Technology Work Experience	No	.5	

*may receive college credit

NOTE: A fee will be charged for certain classes. This fee is used to pay for supplies not readily available to students. Students are required to provide their own pencils, erasers, pens, sketchbooks and other common supplies. Please inquire with the main office on the amount of the fee and making payments.

05156 – Drawing

Grade Levels: 9-12

1 Quarter

This is an introductory course in drawing. Students will learn various pencil drawing techniques and principles that will be utilized in all other art classes. This course covers basic drawing, perspective, composition, landscape, and figure drawing. This is the perfect class for students who have little or NO experience with visual art, as-well-as those who wish to advance their skills.

10001 Introduction to Computer Tech

Prerequisites:

Grades 9-12

1 Quarter

Formerly known as Introduction to Computers, Introduction to Computer Technology courses introduce students to computers, including peripheral and mobile devices; the functions and uses of computer technology; the language used in the industry; possible applications of various computer-based technologies; and occupations related to computer technology hardware and software industries. These courses typically explore legal and ethical issues associated with computer technology use, as well as how changes influence modern society. Students may also be required to perform some computer technology operations.

05162- Visual Communication Design

Prerequisites:

Grades 9-12

1 Quarter

This is an introductory course in graphic design that will focus on the elements of design and the creation of digital and printed projects utilizing those elements. Students will learn a variety of raster and vector software including Adobe Photoshop and Illustrator. Students in this class may receive dual credit by completing this course. Talk to the instructor for requirements.

10201 – HTML Web Design

Grade Levels: 9-12

1 Quarter

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.

05252- Interactive Design

Prerequisites:

Grades 9-12

1 Quarter

Interactive Design courses explore the creative, technical, and conceptual aspects of designing and producing interactive media arts experiences, products, and services, including reactive (sensory-based devices) and interactive technologies, 3D game mechanics, interface design, mobile device applications, social media-based and web multimedia, physical spaces, augmented reality, and/or virtual reality. Topics may include aesthetic meaning; artistic, design and technical methods and practices; story and audience engagement; analysis and media literacy; construction, development, processing, modeling, simulation, and programming of interactive experiences; their transmission, distribution, placement and marketing; and contextual, cultural, and historical aspects and considerations.

05253- Interactive Game Design

Prerequisites:

Grades 9-12

1 Quarter

Interactive Game Design courses explore the creative, technical, and conceptual aspects of designing and producing interactive game experiences and products, including reactive (sensory-based devices) and interactive technologies, 3D game mechanics, interface design, games for mobile device applications, social media and web multimedia, and/or augmented and virtual reality games. Topics may include aesthetic meaning; artistic, design and technical methods and practices; game construction and development, game theory and dynamics; analysis and media literacy; construction, development, processing, modeling, and programming of game-based experiences; their transmission, distribution, placement and marketing; and contextual, cultural and historical aspects and considerations.

05258- Virtual Design

Prerequisites:

Grades 10-12

1 Quarter

Virtual Design courses explore the creative and conceptual aspects of designing and producing simulative, virtual, and 3D media arts experiences, products, and services, including environments, structures, objects, architecture and ecologies, virtual, and augmented reality. Topics may include aesthetic meaning, appreciation and analysis; construction, development, processing, modeling, simulation and programming of experiences, structures, architecture and/or environments; presentation, transmission, distribution, and marketing; and contextual, cultural, and historical aspects and considerations.

05260- Multimedia Design

Prerequisites:

Grades 10-12

1 Quarter

Multimedia Design courses explore the creative and conceptual aspects of designing and producing media arts experiences, products, and services that combine imagery, text, sound, motion, interactivity and/or virtual media into a unified presentation. Topics may include aesthetic meaning, appreciation and analysis; composition, development, processing and programming of combined physical, interactive, and virtual experiences and environments; presentation, transmission, distribution, and marketing; and contextual, cultural, and historical aspects and considerations.

10205 Computer Gaming and Design

Prerequisites:

Grades 10-12

1 Quarter

Computer Gaming and Design courses prepare students to design computer games by studying design, animation, artistic concepts, digital imaging, coding, scripting, multimedia production, and game play strategies. Advanced course topics include, but are not limited to, level design, environment and 3D modeling, scene and set design, motion capture, and texture mapping.

05250 - Media Arts

Prerequisites:

Grades 10-12

1 Quarter

This comprehensive multimedia course introduces students to the creative and conceptual aspects of designing media arts experiences and products, including techniques, genres and styles from various mediums and forms, such as moving image, sound, interactive, spatial and/or interactive design. Topics may include aesthetic meaning, appreciation and analysis; composing, capturing, processing and programming of media arts products, experiences and communications; transmission, distribution and marketing; and contextual, cultural, and historical aspects and considerations.

05157 – Cartooning and Animation

Prerequisite:

Grade Levels: 9-12

1 Quarter

Students will learn the fundamental principles of 2D art and how they apply to sequential art. Composition, movement, pacing, verisimilitude, and more will all be utilized to create convincing renderings, which can be easily followed through a series of illustrations. The class begins with basic lessons in drawing, inking, and layouts, then shifts focus to the literary side, focusing on plot and character development, and storytelling. Students will then create single panel, multi-panel illustrations and weekly comic strips. The class culminates in the creation of the student's own short comic book.

10247 - Media Technology Independent Study

Prerequisite: One Stand-Alone Course **Teacher Approval**

Grade Levels: 11-12

1 Quarter

Media Technology—Independent Study courses, often conducted with instructors as mentors, enable students to explore topics related to media technology. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular specialization, to explore a topic in greater detail, or to develop more advanced skills. **This course can only be taken with teacher approval. Students will be selected based on their skill level and work ethic.**

10248 - Media Technology Workplace Experience

Prerequisite: One Stand-Alone Course **Teacher Approval**

Grade Levels: 11-12

1 Quarter

Media Technology—Workplace Experience courses provide students with work experience in fields related to media technology. 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. **This course can only be taken with teacher approval. Students will be selected based on their skill level and work ethic.**

Architecture and Construction Pathway

<i>Course Title</i>	<i>Required</i>	<i>Credit</i>	<i>College Credit</i>
Computer Basics	No	.5	4*
Woods 1	No	.5	
Woods 2	No	.5	
Construction A*	No	.5	2*
Construction B*	No	.5	4*
Construction: Trade Fundamentals* (embedded in Construction A & B)	No	.5	
Drafting	No	.5	
CAD (Computer Automated Drafting)	No	.5	
Introduction to Metals and Welding	No	.5	
Drafting Projects/Independent Study*	No	.5	
Shop Assistant	No	.5	

*may receive college credit

NOTE: There are fees for these courses. While these fees do not fully cover the expense of these courses they do help offset some of the cost necessary to offer these courses. Please inquire with the main office on the amount of the fee and making payments.

10004 – Computer Basics

Grades 9-12

1 Quarter

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.

17006 -Woods 1

Grade Levels: 9-12

1 Quarter

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. A course fee is required for this course.**

17007 –Woods 2

Prerequisite: Woods I (Grade of “C” or better)

Grade Levels: 9-12

1 Quarter

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 3 or more assigned projects, which require the use of these tools and machines. **Safety is stressed throughout the course. A course fee is required for this course.**

17006 -Woods 3

Prerequisite: Woods 1 & 2

Grade Levels 9-12

1 Quarter

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 3 or more assigned projects, which require the use of these tools and machines. **Safety is stressed throughout the course. A course fee is required for this course.**

17003A - Construction A

Prerequisite: Woods I

Grade Levels: 9-12

1 Quarter

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. **A course fee is required for this course.**

17003B - Construction B

Prerequisite: Construction A

Grade Levels: 9-12

1 Quarter

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.. **A course fee is required for this course.**

- **17002- Construction: Trade Fundamentals- NCCER (National Center for Construction Education and Research) Core Credentials (Embedded in Construction A & B)**

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, basic rigging, material handling, as well as communication and employability skills are examined. Guest speakers, from industry, will also be a part of this learning

environment. **For an additional fee, students will have the opportunity to take NCCER tests to earn industry credentials to apply toward apprenticeship applications or employment in the construction industry.**

21102 – Drafting

Grade Levels: 9-12

1 Quarter

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.

21107- CAD (Computer Automated Drafting)

Prerequisite: Architectural Drafting

Grade Levels: 9-12

1 Quarter

This is an intermediate course in drafting with an emphasis on architecture and the use of Computer Aided Drafting (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. Students in this class may receive dual credit by completing this course. Talk to the instructor for requirements.

13207 – Introduction to Metals and Welding

Grade Levels: 9-12

1 Quarter

This is an introductory career course in Shielded Metal Arc Welding (Stick Welding), Gas Metal Arc Welding (MIG Welding), 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, welding symbols, arc welding equipment, industry tooling, electrodes, oxy-acetylene cutting, and a variety of welding techniques/positions. **A course fee is required for this course.**

17998 – Shop Assistant- Construction

Prerequisite: Woods I and Woods II – **Teacher Approval**

Grade Levels: 11-12

1 Quarter

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.

Manufacturing and Welding Pathway

Course Title	Required	Credit	College Credit
Computer Basics	No	.5	4*
Introduction to Metals and Welding	No	.5	
Intermediate Metals and Welding	No	.5	
Flux-Core Arc Welding	No	.5	
Advanced Metals and Welding 1	No	.5	
Advanced Metals and Welding 2	No	.5	
Advanced Metalworking and Welding Work Experience	No	.5	
Drafting	No	.5	
CAD (Computer Automated Drafting)	No	.5	
Shop Assistant	No	.5	

*may receive college credit

NOTE: There are lab fees for Metals and Welding courses. While these fees do not fully cover the expense of these courses they do help offset some of the cost necessary to offer these courses. Please inquire with the main office on the amount of the fee and making payments.

10004 – Computer Basics

Grades 9-12

1 Quarter

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.

13207 – Introduction to Metals and Welding

Grade Levels: 9-12

1 Quarter

This is an introductory career course in Shielded Metal Arc Welding (Stick Welding), Gas Metal Arc Welding (MIG Welding), 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, welding symbols, arc welding equipment, industry tooling, electrodes, oxy-acetylene cutting, and a variety of welding techniques/positions. **A course fee is required for this course.**

13208A – Intermediate Metals and Welding

Prerequisite: Intro to Metals and Welding (Grade of “C” or Better)

Grades: 9-12

1 Quarter

In this course students gain knowledge and skills in particular aspects of welding. Examples include individual courses in each of the following types of welding: gas metal, gas tungsten, and shielded metal. Students will learn continued safety practices, different types of single and multipass welding, welding in different positions (flat, horizontal, vertical, and overhead), oxy-acetylene cutting, and how to solve welding problems. **A course fee is required for this course.**

13208B Flux-Core Arc Welding

Prerequisite: Intro to Metals and Welding (Grade of “C” or Better)

Grades: 9-12

1 Quarter

In this course you will learn about Flux Core (FCAW) welding which is a semi-automatic or automatic arc welding process. FCAW requires a continuously-fed consumable tubular electrode containing a flux and a constant-voltage or, less commonly, a constant-current welding power supply. Students will learn continued safety practices, different types of single and multipass welding, welding in different positions (flat, horizontal, vertical, and overhead), oxy-acetylene cutting, and how to solve welding problems. Students may be able to earn a Structural Steel Certification AWS D1.1 or AWS D1.5. **A course fee is required for this course.**

130551 – Advanced Metals and Welding 1

Prerequisite: Intermediate Metals and Welding (Grade of “C” or Better)

Grades: 10-12

1 Quarter

In this advanced independent/directed project based course, students will build personal, school related, or community needed projects utilizing their acquired knowledge and skills in arc welding and metalworking/cutting processes. This course enables students to experience the process of translating an idea into a finished product, with instruction in safety, planning, designing, selecting materials, and using tools and machines. **A course fee is required for this course.**

130552 – Advanced Metals and Welding 2

Prerequisite: Advanced Metals and Welding 1 (Grade of “C” or Better)

Grades 10-12

1 Quarter

In this advanced independent/directed project based course, students will build additional skills in work ethics, real world projects, and industry standards in arc welding and metalworking/cutting processes. This course enables students to gain further manufacturing and metal fabrication experience, with continued instruction in safety, PPE, tooling, and equipment. **A course fee is required for this course.**

13248 – Advanced Metalworking and Welding Work Experience

Prerequisite: Advanced Metals and Welding (Grade of “C” or Better)

Grades: 9-12

1 Quarter

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.

21102 – Drafting

Grade Levels: 9-12

1 Quarter

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.

21107-CAD (Computer Automated Drafting)

Prerequisite: Drafting

Grade Levels: 9-12

1 Quarter

This is an intermediate course in drafting with an emphasis on architecture and the use of Computer Aided Drafting (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. Students in this class may receive dual credit by completing this course. Talk to the instructor for requirements.

13995 – Shop Assistant- Manufacturing

Prerequisite: Intro/Intermediate Metals and Welding – **Teacher Approval**

Grade Levels: 11-12

1 Quarter

This is not a TA. The shop assistant(s) will help in the daily operation of the Metals and Welding Program. The assistant(s) will help other students, service equipment, clean, work on school and community based projects, and expand their knowledge/skills of the inner workings of the metals and welding shop. If time permits, the assistant(s) may work on individual projects.

Agriculture Pathway

Course Title	Required	Credit	College Credit
Principles of Agriculture A	No	.5	
Principles of Agriculture B	No	.5	
Natural Resource Management	No	.5	
Earth and Soil Science	No	.5	
Alternative Energy	No	.5	
Woods 1	No	.5	
Computer Basics	No	.5	4*
Intro to Metals & Welding	No	.5	

*may receive college credit

18002A- Principles of Agriculture A

Grade Levels: 9-12

1 Quarter

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.

18002B- Principles of Agriculture B

Prerequisite Principles of Ag. A

Grade Levels: 9-12

1 Quarter

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.

18504-Natural Resource Management

Grade Levels: 9-12

1 Quarter

In the Natural Resource Management course, students will learn about how people and other organisms utilize Earth's resources. Topics include: Renewable vs Nonrenewable Resources, Resources from the Crust, Air Resources, and Water Resources. This course meets the educational requirement to be an active member of the FFA.

18055- Earth and Soil Science

Grade Levels 9-12

1 Quarter

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.

18506-Alternative Energy

Grade Levels: 9-12

1 Quarter

In the Alternative Energy course, students will learn about conventional, current, and future energy sources. Topics include, Fossil Fuels, Solar, Wind, Nuclear, Wave, Biomass, Hydroelectric, Geothermal, and Energy Conservation. This course meets the educational requirement to be an active member of the FFA.

17006 -Woods 1

Grade Levels: 9-12

1 Quarter

This is an introductory course in the field of woodworking. Students will learn plan drafting, 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. A course fee is required for this course.**

10004 – Computer Basics

Grades 9-12

1 Quarter

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.

13207 – Introduction to Metals and Welding

Grade Levels: 9-12

1 Quarter

This is an introductory career course in Shielded Metal Arc Welding (Stick Welding), Gas Metal Arc Welding (MIG Welding), 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, welding symbols, arc welding equipment, industry tooling, electrodes, oxy-acetylene cutting, and a variety of welding techniques/positions. **A course fee is required for this course.**

Early Childhood Education Pathway

Course Title	Required	Credit	College Credit
Child Development 1	No	.5	
Child Development 2	No	.5	
Preschool to Early Elementary	No	.5	2*
Infants and Toddler *	No	.5	4*
Intro to Education *	No	.5	3*
Creative Activities for Children	No	.5	
Education Work Experience (Practicum)	No	.5	

*may receive college credit

19052- Child Development 1

Grades 9-12

1 Quarter

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.

19052B- Child Development 2

Prerequisite: Child Development 1

Grades 9-12

1 Quarter

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.

19051EE- Preschool to Early Elementary

Prerequisite: Child Development 1

Grades 9-12

1 Quarter

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.

19051IT- Infants and Toddlers

Prerequisite: Child Development 1

Grades 9-12

1 Quarter

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.**

19153- Introduction to Education

Prerequisite: Child Development 1

Grades 9-12

1 Quarter

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

19152- Creative Activities for Children

Prerequisite: Child Development 1, Child Development 2

Grades 10-12

1 Quarter

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.

19198- Education Work Experience (Practicum)

Grades 11-12

1 Quarter

This class will have you working in an early learning environment with young children gaining practical experience and hands-on skills. Students interested in this course must have teacher approval and have completed Child Development 2, & Intro to Early Childhood Education, & Infants and Toddlers **OR** Preschool to Early Elementary

Additional Electives

Course Title	Required	Credit	College Credit
Exploration of Career Pathways	Yes	.5	
Peer Tutoring	No	.5	
Food and Nutrition	No	.5	
Japanese Life and Culture	No	.5	
Team Building	No	.5	
Leadership	No	.5	
Public Speaking	No	.5	3*
Sports History	No	.5	
Engineering 1	No	.5	
Robotics	No	.5	
Food Science	No	.5	
Aviation 1	No	.5	
Aviation 2	No	.5	
Aviation 3 - Pilot	No	.5	
Aviation 3 - UAS	No	.5	
Psychology	No	.5	
Sociology	No	.5	
Pop Culture	No	.5	

US Wars and Military Conflicts	No	.5
Intro to Anthropology	No	.5
Songwriting, Production, and Marketing	No	.5
Creative Writing	No	.5
Film and Literature	No	.5
Film Theory and History	No	.5
Journalism	No	.5
Intro to Crafted Art	No	.5
Introduction to Outdoor Recreation	No	.5
Student Aides	No	.5
Off Campus (Release)	No	.5
Cooperative Work Experience	No	.5

*may receive college credit

22151 - Exploration of Career Pathways

Grade Level 9

1 Quarter

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.

22054 - Peer Tutoring

Prerequisite: Teacher Approval

Grade Levels: 11-12

1 Quarter

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.

22202- Food and Nutrition

Grades 9-12

1 Quarter

This is an elective class designed to introduce students to various foods, by learning how to select, purchase, prepare and eat healthful foods. Course information presents a wide variety of topics including: variation in diets, how food affects the body, the safety of our food supply, and kitchen safety. Students will also have the opportunity to earn their food handlers permit from the State of Oregon that will allow them to work in the food service industry. **A course fee is required for this course.**

06428- Japanese Life and Culture

Grade Levels: 9-12

1 Quarter

This course will teach students about Japanese language, life and culture. Students will learn the basics of the Japanese writing system (hiragana) and common words and phrases. Students will study aspects of Japanese life and culture including: history, cuisine, art, and Japanese contributions to mainstream western culture. **A course fee is required for this course.**

22101CTE- Team Building

Grades 9-12

1 Quarter

This course encourages active participation in leadership and team member roles as we work towards completing a multitude of tasks and projects. We will spend time reflecting on personal and professional growth following each of the tasks. We will learn about team and leadership dynamics and some of the elements that make up a successful team.

22101/22101B Leadership

Prerequisite: Attendance and discipline record will be reviewed by the leadership advisor

Grade Levels: 9-12

2 Quarter

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.

01151 - Public Speaking –(Comm 111 Willamette Promise–3 credits)

Grade Level 9-12

1 Quarter

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.

12163- Sports History

Grade Levels: 9-12

1 Quarter

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.

21004- Engineering 1

Grade Levels: 9-12

1 Quarter

The course introduces engineering concepts and methodologies, explores the impact of engineering, and introduces the roles, functions and connections of the engineering professions. The course will develop analytical and data driven decision making skills and project management.

21009- Robotics

Grade Levels: 9-12

1 Quarter

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.

19254- Food Science

Grade Levels: 9-12

1 Quarter

This high school course is designed for students to learn the relationships between science and food. Students will explore the characteristics of each component found in food. Experiments done in class will help students understand and analyze how scientific principles are applied to creating nutritious food products. Understanding the relationship between food and science will help students evaluate the health impact of different foods.

200531A/ 200531B- Aviation 1A & 1B

Grade Level 9-12

Each section is a quarter 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.

This introductory course will provide the foundation for advanced exploration in the areas of flying and unmanned aircraft systems. Students will learn about engineering practices, problem solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible. Students will also learn about the wide variety of exciting and rewarding careers available to them. This course will inspire students to consider aviation and aerospace careers while laying the foundation for continued study through Aviation 2 and 3.

A course fee is required for this class.

20532A/200532B Aviation 2A & 2B

Prerequisite: Aviation 1

Grade Level 9-12

Each section is a quarter 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.

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.**

20053PA/20053PB - Aviation/Pilot 3A & 3B

Prerequisite: Aviation 2

Grade Level 10-12

Each section is a quarter 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.

This course will include topics such as: pilot and aircraft qualifications, principles of flight, aerodynamics, spin awareness, flight maneuvers, pre- and post-flight procedures, airport operations, regulations, safety, weather, aircraft systems, weight and balance, human factors, cockpit management, emergency procedures, night operations, aeronautical decision-making, cross-country flight planning, airspace, and other topics that help prepare students for the Federal Aviation Administration's Private Pilot written exam. **A course fee is required for this class.**

20053UA/20053UB - Aviation/Unmanned Aircraft Systems 3A & 3B

Prerequisite: Aviation 2

Grade Level 10-12

2 Quarters

This course is an introduction to the fundamental concepts of unmanned aircraft systems. Topics include: small unmanned aircraft systems regulations, airspace classification and operating requirements, flight restrictions affecting small unmanned aircraft operation, safety protocols, weight and balance, operating environments, aviation weather sources and effects of weather (micro-meteorology) on small unmanned aircraft performance, small unmanned aircraft loading and performance, emergency procedures, and crew resource management. Students will be prepared to complete the Federal Aviation Administration's Part 107 Remote Pilot written exam upon completion of this course. **A course fee is required for this class.**

04254 – Psychology

Grade Levels: 10-12

1 Quarter

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.

04258 Sociology

Grade Levels: 10-12

1 Quarter

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.

04302-Pop Culture

Grade Levels: 9 -12

1 Quarter

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.

04110- US Wars and Military Conflicts

Grade Levels: 10-12

1 Quarter

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.

04251- Intro to Anthropology

Grade Levels: 9-12

1 Quarter

Intro to Anthropology is a course designed to introduce the concepts of studying humans of the past and present in the 4 main fields of Archaeology, Biological Anthropology, Culture Anthropology and Linguistics. We will learn to study how humans have interacted with the environment both biologically and culturally while appreciating ancestral human heritages and origins.

05119- Songwriting, Production, and Marketing

Grade Level 9-12

1 Quarter

This class will explore the art of poetry through songwriting. Students will use audio and mixing software to record their songs and create tracks that demonstrate the following skills: lyric writing, melody, harmony, song structure, arrangement, combining, and collaboration. Students will use technology to market their creations to the appropriate audience. Students will learn basic creation of chord charts.

01104- Creative Writing

Grade Level: 9-12

1 Quarter

This course will focus on narrative writing, fiction writing, poetry, and free writing. Students will look at sample modes of professional writing and then create their own writing samples. Students will share their writing with the class and learn to hear and apply feedback. Students will continue working on drafting, revising, editing, peer reviewing, and rewriting.

01065 - Film and Literature

Grade Level: 11-12

1 Quarter

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.

05203- Film Theory and History

Grade Level: 10 -12

1 Quarter

This course is designed to introduce students to higher-level analysis of film through analysis and discussion of seminal films throughout the medium’s history. The course will be aimed at going beyond understanding of writing in film to better analyze production design, cinematography, editing, and other filmic techniques unique to the medium. Students will learn how cinema evolved from the silent era into modern films, and be expected to write papers and be involved in classroom discussions related to how certain emotional intentions were achieved through the medium of film

11101- Journalism

Prerequisites: English 9

Grade Level: 9-12

1 Quarter

This course will serve as an introduction to journalistic writing and media literacy. Students will learn to analyze journalistic texts not just for informational purposes, but also to understand information sourcing and bias. Students will be introduced to and asked to perform the basics of the journalism profession, including interviewing, reporting, writing journalistic pieces, and editing. Students will be exposed to numerous media of journalistic creation including newspaper writing, photo and video production, and audio recording and asked to produce professional-level journalism on relevant real-world and/or school-related topics.

08004OR- Introduction to Outdoor Recreation

Grades 9-12

1 Quarter

This class will introduce and explore a wide variety of Outdoor Recreation topics. Themes that will be reviewed for specific topics covered include; trip planning, gear & equipment, resource availability, risk assessment, historical perspective, current industry trends, societal & environmental impact, training/fitness preparation. Additionally we may focus on broader topics such as; the benefits of recreation and its role in society, social and technological forces affecting outdoor recreation, historical impacts that have influenced outdoor recreation, recreation policy development, land/resource management, etc...

Topics covered may include: Hiking & Backpacking, Fishing & Hunter Education, Mountain Biking, Rock Climbing, Mountain Climbing, Paddle Sports, Snow Sports, Trip Planning, Map & Compass, Electronic Navigation, First Aid & Wilderness Medicine, Outdoor Cooking, Boater Education, Pack Animals, Risk Assessment/Management, Outdoor Emergency Survival, Car Camping, Overlanding/OHV, Fauna/Flora, Careers/Employment Opportunities, Agencies Providing Oversight, Conservation & Environmental Impact, etc...

05189- Introduction to Crafted Arts

Grades 9-12

1 quarter

Students will be learning and experimenting with different crafted arts techniques and mediums. This is an introductory course with no previous experience required. They will be learning lifelong creative skills including but not limited to: printmaking, clay techniques, and fiber arts.

Student Aides

Prerequisite: Teacher/Counselor

Grade Levels: 11-12

1 Quarter

Students may be aides in any of the following places:

Teacher Aide

Office Aide

Library Aide

Custodial Aide

Counselor Aide

Kitchen Aide

Two credits maximum towards graduation requirements.

a. A student may be allowed to be a Student Aide once a semester.

b. A student wishing to be a Student Aide must request the appropriate form from the Counselor.

c. Do not assume you are or will be a Student Aide simply because you and the teacher agree. Return the form signed by the teacher to the Counselor for approval.

- d. Students must stay in the classroom when not conducting business for their assigned teacher.
- e. Students who serve as Student Aide must follow all classroom rules and regulations of their supervising teacher.
- f. Student Aides who do not follow school policies will be assigned appropriate consequences, including the Student Aide position being revoked with a failing grade.
- g. Student Aides must read and sign a confidentiality agreement provided by CHS.
- h. Student Aides will be graded on a Pass/Fail basis.

30001 Off-Campus

Grades 12

1 Quarter

Students who are on track to graduate may choose to have 1 Release period. Off campus will require parent permission. Only seniors will be provided an opportunity to have 1 release period per quarter and must receive administrative approval.

22998 - Cooperative Work Experience

Grade Levels: 12 (11 w/admin approval)

1 Quarter

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.

Students will only be allowed to be approved for work experience if they are currently not on-track to graduate.

World Language

Course Title	Required	Credit	College Credit
Spanish 1	No	1.0	5*
Spanish 2	No	1.0	5*
Spanish 3	No	1.0	5/4*
Spanish 4	No	1.0	5/4*
Spanish Peer Tutor	No	.5	

*may receive college credit

NOTE: Two years of a world language are required for admittance to a four-year university.

24052/24052B – Spanish 1

Grade Levels: 9-12

2 Quarters

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.

24053/24053B – Spanish 2

Prerequisite: Spanish 1

Grade Levels: 10-12

2 Quarters

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.

24054/24054B– Spanish 3

Prerequisite: Spanish 2

Grade Levels: 11-12

2 Quarters

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.

24055/24055B– Spanish 4

Prerequisite: Spanish 3

Grade Levels: 11-12

2 Quarters

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.

22054- Spanish Peer Tutor

Prerequisite: Teacher and Administrator Approval

Grade Levels: 11-12

1 Quarter

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.

ENGLISH

Course Title	Required	Credit	College Credit
English 9	Yes	1.0	
Honors English 9	No	1.0	
English 10	Yes	1.0	
Honors English 10	No	1.0	
English 11	Yes	1.0	
AP English Literature and Composition	No	1.0	
English 12	Yes	1.0	
College Writing: WR 121Z	No	1.0	4*
Fundamentals of English 9-12	Yes	1.0	

*may receive college credit

01001/01001B – English 9

Grade Level: 9

2 Quarters

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.

01001H/01001HB – Honors English 9

Prerequisites: Honors English 9A

1. Application
2. Teacher Recommendation

Honors English 9B

1. Minimum “B” in English 9A or Honors English 9A is highly recommended
2. Application – if not completed for Honors English 9A
3. Teacher Recommendation

Grade Level: 9

2 Quarters

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, traits 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.

01002/01002B – English 10

Prerequisite: English 9

Grade Level: 10

2 Quarters

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.

01002H/01002HB – Honors English 10

Prerequisites: 1. Minimum “B” average in English is highly recommended
2. Teacher Recommendation

Grade Level: 10

2 Quarters

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.

01003/01003B - English 11

Prerequisite: English 10

Grade Level: 11

2 Quarters

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.

01053/01053B- AP English Literature and Composition

Prerequisites: 1. Overall 2.5 GPA highly recommended

2. Minimum "B" grade in last two English classes is highly recommended

3. Teacher recommendation

4. This class offers college credit through a passing score (3 or higher) on the AP test. Colleges offer between 3-12 credits depending on the score.

Grade Levels: 11

2 Quarters

The AP English Literature and Composition course is designed with the goal of enhancing students' abilities to explore, comprehend, interpret, evaluate, and appreciate complex literary texts. Upon completion of this course a student should be proficient in discussing literature of varied themes, historical contexts, and genres whether it be in an on-demand, timed writing prompt, an in-depth, scrutinized, and revised essay, or in class discussion. When entering this course you must have the initial expectation that you will read, contemplate, and write about literature extensively. You will complete assignments in and out of class essays (in analytical, argumentative, and expository forms) and will read every day (the majority of which will be creative non-fiction). You must be willing to challenge and justify your understandings, attempt to see other perspectives, and discuss in a mature and lively manner. As this course also has the goal of preparing all students to pass the AP English Literature and composition exam, it operates in accordance with the information contained in the latest AP English Literature course description. The course features practice for both free response and multiple choice portions of the test. Students in this class may receive dual credit by completing this course. Talk to the instructor for requirements.

01004/01004B – English 12

Prerequisite: English 11

Grade Level: 12

2 Quarters

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.

01102/01102B - College Now (WR 121Z): College Writing

Prerequisites: 1. Overall 3.0 GPA highly recommended
2. Honors English sophomore and junior year or a teacher recommendation
3. Testing into WR 121Z per LCC requirements

Grade Levels: 12

2 Quarters

WR 121Z 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.**

01999-1/01999B-1 Fundamentals of English 9-12

Prerequisites: Placement

Grade Level: 9-12

2 Quarters

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.

Student Support Center

Course Title	Required	Credit
Study Skills	No	.5
Careers and Transition to Work	No	.5
Social Understanding	No	.5
English Language Development (ELD)	No	.5
Tutorial	No	.5

*may receive college credit

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

22005/22005B –Study Skills

Prerequisite: Placement

Grade Levels: 9-12

2 Quarters

Study Skills is designed to allow students to organize and develop their abilities to be successful in the school setting. Students will work on vocabulary, organization, note-taking and communication skills. This also would include listening, speaking and expressive writing used in regular classroom work. This course will allow students the opportunity to successfully complete homework, projects, and exams with the needed support necessary to be successful.

22152- Careers and Transition to Work

Prerequisite: Placement

Grade Levels 9-12

1 Quarter

This course is designed for students who need to assess skills and interests, explore career options and develop a career goal. Students will also develop personal resumes, explore job shadow opportunities and practice employment interview experiences.

22253/2253B- Social Understanding

Prerequisite: Placement

Grade Levels: 9-12

As needed

This course is designed to assist students in acquiring, mastering, and generalizing executive functioning skills. In addition, skills are targeted to address the individual student's educational needs.

English Language Development

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.

22005- Tutorial

Prerequisite: Placement

Grade Levels 9-12

1-4 Quarters

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 on-going basis to develop study strategies and design lessons to best meet academic requirements of the regular classroom while also providing specially designed instruction.

Mathematics

Course Title	Required	Credit	College Credit
Consumer Math	No	1.0	
Pre-Algebra *Elective credit*	No	1.0	
Algebra I	Yes	1.0	
Geometry	Yes	1.0	
Applied Technical Math	No	1.0	
Algebra II	No	1.0	5*
Pre-Calculus: MTH 111Z & MTH 112Z	No	1.0	8*
Calculus: MTH 251 & MTH 252	No	1.0	10*
AP Statistics: MTH 243	No	1.0	4*

*may receive college credit

NOTE: Math Placement Sequence:

Pre-Algebra>>>Algebra I >>>Geometry>>> Algebra II>>>Pre-Calculus or AP 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. Only those students who have completed a full course in Algebra I will be enrolled in Geometry. Students other than freshmen new to the school will be placed at the appropriate level based on forwarded transcripts and/or placement testing and instructor recommendations. Once a student starts his/her math course work, he/she must follow the paths directed by arrows in the diagram. Preceding courses are prerequisites to the courses that follow. Students will not be advanced to the next level until successfully completing the previous course. Due to the “building” nature of the math curriculum, taking two courses at the same time is not practical, is not in the student’s best interest for success, and is not approved. Students planning to enter college need to complete a math sequence up through Algebra II in order to be in line with college entrance expectations and not to be placed in a position of needing to do additional course work at their own expense.

02157- Consumer Math

Prerequisite: Departmental Recommendation

Grade Levels: 9-12

4 Quarters

Consumer Math is designed to help students develop and strengthen their foundational math abilities. This course focuses on essential mathematical concepts and skills necessary for success in various academic and real-life situations. Students will engage in interactive learning activities and practice exercises to improve their numeracy, problem-solving, and critical thinking skills.

The class covers a wide range of topics, including arithmetic operations (addition, subtraction, multiplication, and division), fractions, decimals, percentages, ratios, and proportions. Students will also learn about basic algebraic concepts, such as solving equations and inequalities, simplifying expressions, and working with basic functions.

Additionally, the course may include lessons on measurement, geometry, and basic statistics. Students will learn how to calculate areas, perimeters, and volumes, identify geometric shapes, interpret data, and make informed decisions based on statistical information.

Throughout the class, emphasis is placed on practical applications of math in everyday life, such as budgeting, financial calculations, and problem-solving in various contexts. By the end of the course, students will have gained confidence in their math skills and be better equipped to apply mathematical concepts in their academic and personal lives.

02051/02051B - Pre-Algebra

Prerequisite: Departmental Recommendation

Grade Levels: 9-12

2 Quarters

Pre-Algebra is a course for students who need to prepare for an Algebra course, with an emphasis on computational skills and practical uses of mathematics in daily life. This is a solid entry-level course for students. **This class will count as an Elective class NOT a Math class for graduation requirements.**

02052/02052B - Algebra I

Prerequisite: Departmental Recommendation

Grade Levels: 9-12

2 Quarters

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 linear equations and inequalities, multiplying polynomials and factoring concepts, polygons, angles, perimeter, circumference, area, volume, probability, collecting/analyzing/displaying data, logical reasoning and discrete math concepts. The main focus of the course is to prepare students to take Geometry and mathematics beyond the high school level.

02072/02072B - Geometry

Prerequisite: Algebra 1 and Departmental Recommendation

Grade Levels: 9 -12

2 Quarters

Geometry – is a portion of mathematics concerned with questions of size, shape, relative position of figures, and the properties of space. Geometry is also considered one of the oldest sciences that includes finding lengths, areas, and volumes.

At Creswell High School, Geometry is a part of a three-year, college-prep mathematics program that integrates and spirals through topics in both Algebra and Geometry. This course covers coordinate geometry, reasoning & proof, angle measurement, parallel & perpendicular lines, triangles, quadrilaterals, similar and congruent figures, special right triangles, trigonometry, and circles. Furthermore, this course also includes finding length, perimeter and area of polygons, surface area and volume of polyhedrons, and the use of transformational geometry. Students are required to do work outside of class time in the form of homework and study to prepare for success on quizzes and tests.

02055/02055B – Applied Technical Math

Prerequisite: Departmental Recommendation

Grade Levels: 10-12

2 Quarters

This course introduces the study and application of Fundamentals of Algebra I (MTH60) 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 for rates of change, slope, proportional relationships and unit analysis will be emphasized.

02056/02056B – College Now (MTH 95): Algebra II

Prerequisite: Departmental Recommendation / Algebra 1

Grade Levels: 9-12

2 Quarters

Algebra II is part of a three-year, college-prep math program that integrates and spirals through topics in Algebra, Geometry and Trigonometry. This course covers polynomials, exponential/logarithmic functions, transforming graphs, vectors, triangular and circular trigonometry, analytical concepts such as variability and standard deviation, logical reasoning, sequences, series, and recursion along with limits. The main focus of the course is to prepare students to take the Pre-Calculus course and/or mathematics beyond the high school level. There is extensive use of graphing calculators and computer technology. 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.**

02110 – College Now (MTH111Z): Pre-Calculus (College Algebra)

Prerequisite: Algebra 2

Grade Levels: 10-12

1 Quarter

Pre-Calculus –is actually two separate courses: **Algebra** and Trigonometry. Pre-calculus prepares students for Calculus the same way as Pre-Algebra prepares students for Algebra I. While pre-algebra teaches students many different fundamental algebra topics, Pre-calculus does not involve Calculus, but explores topics that will be applied in Calculus. It often involves covering algebraic topics that might not have been given attention in earlier algebra courses.

At Creswell High School, Pre-Calculus is designed to prepare college-bound students for a first course in Calculus, providing a needed transition between high school and college. The first quarter will primarily focus on the study of **Algebra**. Students will investigate a variety of functions including polynomial, rational, exponential, and logarithmic functions and their inverses. Emphasis will be slightly more abstract algebraic manipulations than that in other math courses. Application and technology will be integral parts of this course and **a graphing calculator (TI-83 or TI-84) will be required** as students will gain important graphing skills that will include analyzing graphs of functions. Students are required to do work outside of class time in the form of homework and study to prepare for success on quizzes and tests. **College credit may be obtained by passing with at least a 70% C- or better.**

02110B – College Now (MTH112Z): Pre-Calculus (Trigonometry)

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

Grade Levels: 10-12

1 Quarter

Pre-Calculus –is actually two separate courses: Algebra and **Trigonometry**. Pre-Calculus prepares students for Calculus the same way as Pre-Algebra prepares students for Algebra I. While pre-algebra teaches students many different fundamental algebra topics, Pre-calculus does not involve Calculus, but explores topics that will be applied in Calculus. It often involves covering algebraic and trigonometric topics that might not have been given attention in earlier algebra and geometry courses.

At Creswell High School, Pre-Calculus is designed to prepare college-bound students for a first course in Calculus, providing a needed transition between high school and college. The second quarter will focus primarily on **Trigonometry** and investigating a variety of trigonometric functions. Application and technology will be integral parts of this course and a graphing calculator (TI-83 or TI-84) will be required as students will gain important trigonometric and graphing skills that will include using the trigonometric functions in both degrees and radians and analyzing graphs of trigonometric functions. Other concepts will include polar coordinates, parametric equations, and vectors. Students are required to do work outside of class time in the form of homework and study to prepare for success on quizzes and tests. **College credit may be obtained through Lane Community College by passing with at least a 70% C- or better.**

02121 – College Now (MTH251): Calculus (Differentiation)

Prerequisite: Pre-Calculus and Departmental Recommendation

Grade Levels: 11-12

1 Quarter

Calculus – is the mathematical study of change. It has two major branches, differential calculus (concerning rates of change and slopes of curves), and integral calculus (concerning accumulation of quantities and the areas under curves); these two branches are related to each other by the fundamental theorem of calculus. Both branches make use of the fundamental notions of convergence of infinite sequences and series to a well-defined limit. Generally considered to have been founded in the 17th century by Isaac Newton and Gottfried Leibniz, today calculus has widespread uses in science, engineering and economics and can solve many problems that algebra alone cannot.

During this first quarter, our concentration will focus on Differential Calculus. This class will include a selective review of precalculus followed by the development of the derivative from the perspective of rates of change, slopes of tangent lines, and numerical and graphical limits of difference quotients. The limit of the difference quotient is used as a basis for formulating analytical methods that include the power, product, and quotient rules. The chain rule and the technique of implicit differentiation are developed. Procedures for differentiating polynomial, exponential, logarithmic, and trigonometric functions are formulated. Analytical, graphical, and numerical methods are used to support one another in developing the course material. Application and technology will be integral parts of this course. There is extensive use of graphing calculators and computer technology. Students are required to do work outside of class time in the form of homework and study to prepare for success on quizzes and tests. **College credit may be obtained through Lane Community College by passing with at least a 70% C- or better.**

02121B – College Now (MTH252): Calculus (Integration)

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

Grade Levels: 11-12

1 Quarter

Calculus – is the mathematical study of change. It has two major branches, differential calculus (concerning rates of change and slopes of curves), and integral calculus (concerning accumulation of quantities and the areas under curves); these two branches are related to each other by the fundamental theorem of calculus. Both branches make use of the fundamental notions of convergence of infinite sequences and series to a well-defined limit. Generally considered to have been founded in the 17th century by Isaac Newton and Gottfried Leibniz, today calculus has widespread uses in science, engineering and economics and can solve many problems that algebra alone cannot.

During this second quarter, our concentration will focus on Integral Calculus. We will be covering definite and indefinite integrals. Specific concepts will include definite integrals, properties of the definite integral, the first and second Fundamental Theorems of Calculus, constructing antiderivatives, techniques of indefinite integration, and approximating definite integrals. Application and technology will be integral parts of this course. There is extensive use of graphing calculators and computer technology. Students are required to do work outside of class time in the form of homework and study to prepare for success on quizzes and tests. **College credit may be obtained through Lane Community College by passing with at least a 70% C- or better.**

02201/02201B - College Now (MTH 243): Introduction to Probability and Statistics

Prerequisite: Departmental Recommendation / Algebra 2

Grade Levels: 11-12

2 Quarters

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 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.**

Performing Arts

Course Title	Required	Credit
Concert Choir	No	.5
Concert Band	No	.5
Foundations of Music	No	.5
History of Rock	No	.5

05110/05110B - Concert Choir

Grade Levels: 9-12

2 Quarters

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.

05102/05102B - Concert Band

Prerequisite: **Teacher Approval**

Grade Levels: 9-12

Full Year participation required

Participation in Concert band 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.

05118- Foundations of Music

Grade Levels: 9-12

1 Quarter

This class is for students who want to learn more about music but have no prior experience in music. Students will learn the basics of music reading, perform in class on a variety of instruments, and cover broad topics in music history and music appreciation.

05116- History of Rock

Grade Levels 9-12

1 Quarter

Students explore the history of the United States through the history of American popular music, from the birth of The Blues, to Nirvana and Public Enemy. Along the way, students consider how genres such as Rock and Roll, Pop, Folk, Latin, and Hip Hop have both reflected and informed cultural, social, and political developments.

Physical Education/Health

Course Title	Required	Credit	College Credit
Intro to Fitness	Yes	.5	
Sports and Recreation	No	.5	
Strength and Conditioning	No	.5	
Lifetime Fitness	No	.5	
Paddle Sports	No	.5	
Yoga	No	.5	
Health 1	Yes	.5	
Health 2	Yes	.5	

08016P- Intro to Fitness

Grade Levels: 9

1 Quarter

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.

08004- Sports and Recreation

Grade Levels: 9-12

1 Quarter

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.

08016W/08016W2/0816W3/0816W4 – Strength & Conditioning

Grade Levels: 9-12

Prerequisite: Passed Intro to Fitness with a C or higher -or-**Teacher Approval**

1 to 4 Quarters

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.

08016- Lifetime Fitness

Grade Levels: 9-12

1 Quarter

This class is designed for students interested in participating in and learning skills/strategies of individual sports. Activities may include but are not limited to: badminton, tennis, ping pong, cornhole, pickleball, and shuffleboard. This course will also include fitness activities and some team sports.

08016PS- Paddle Sports

Grade Levels: 9-12 (9th Grade: Must have completed Intro to Fitness prior.)

1 Quarter

A course designed to introduce Pickleball, Badminton, and Ping Pong to students while giving them the ability to improve their skills through daily drills and competitions.

08005- Yoga

Grade Levels: 9-12 (9th Grade: Must have completed Intro to Fitness prior.)

1 Quarter

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.

08051 – Health 1

Grade Levels: Grade 9

1 Quarter

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.

08052 - Health 2

Grade 12

1 Quarter

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.

Science

Course Title	Lab Class	Required	Credit	College Credit
Biology	Yes	Yes	1.0	
Advanced Biology	Yes	No	1.0	8*
Chemistry	Yes	Yes	1.0	
Advanced Chemistry	Yes	No	1.0	4*
Allied Health Chemistry		No	1.0	5*
Physics	Yes	Yes	1.0	

*may receive college credit

03051/03051B - Biology

Grade Level: 9

2 Quarters

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.

03052/03052B - WOU (BIO 101/102) Advanced Biology

Prerequisite: Biology

Grade Levels: 11-12

2 Quarters

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

03101/03101B - Chemistry

Prerequisite: Biology

Grade Levels: 10

2 Quarters

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.

03102/03102B - WOU (Chem 104) Advanced Chemistry

Prerequisite: Chemistry and Algebra I

Grade Levels: 11-12

2 Quarters

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).

03203/03203B- WOU (Chem 103) Allied Health Chemistry

Prerequisite: Chemistry and Algebra I

Grade Levels: 11-12

2 Quarters

This course offers 5 college credits in chemistry and is designed for students interested in the health sciences professions, such as nursing, and for students minoring in Medicinal Chemistry and Pharmacology: Health and Community Track or Forensic Science: Non-Chemistry Majors. This course combines the fundamentals of general chemistry, organic chemistry and biochemistry as applied to the health professions. General chemistry concepts include atomic bonding, measurements, stoichiometry and solutions chemistry, as well as pH and acid-base chemistry. The course is focused on the chemistry of carbon, hydrogen, nitrogen and oxygen containing compounds and examines the structures, properties, nomenclature, reactivity and, in some cases, synthesis of simple organic molecules. The structures and functions of biological macromolecules and common biochemical pathways are also examined as well as their relationship to human health. This course is designed to meet the requirements for pre-nursing curricula and other Allied Health professions majors. It offers an opportunity to earn 5 college credits in CH103 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).

03151/03151B - Physics

Grade Levels: 11

2 Quarters

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.

Social Studies

Course Title	Required	Credit	College Credit
World History	Yes	1.0	
U.S. History	Yes	1.0	
Advanced U.S. History	No	1.0	9*
Government	Yes	.5	
Economics	Yes	.5	

*may receive college credit

04061/04061B – World History

Grade Levels: 10

2 Quarters

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.

04101/04101B - U.S. History

Grade Level: 11

2 Quarters

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.

04149/04149B - Advanced U.S History

Grade Levels: 11

2 Quarters

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. **College credit may also be available through Willamette Promise.** Talk to the instructor for requirements.

04151 - U.S. Government

Grade Level: 12

1 Quarter

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.

04201 - Economics

Grade Level: 12

1 Quarter

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.

Early College/Expanded Options

Students will have the opportunity to participate in the Early College Program through the Creswell School District and Lane Community College (LCC). This program allows high school students to take 100-level or higher courses onsite at LCC on a space available basis. As an LCC student, you can begin earning college credits while still in high school and apply college coursework towards high school graduation requirements.

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 2024-2025 school year) and be at least 16 years old at the time of enrollment in the program.
- Complete the enclosed Early College Pre-Approval Application
- 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 LCC and meet prerequisites for any college course in which you want to enroll.

Last Update:
January 1, 2025

[1] Standard high schools are public high schools that are certified as meeting specified levels of resources, services, and quality established by the Oregon Department of Education.

[2] Accredited high schools are those that are reviewed and recognized by a regional entity, such as the Northwest Accreditation of Schools and Colleges, as meeting an appropriate level of academic rigor and support.

[3] Minimum requirements for admission to UO include these 14 units. For automatic admission, students must complete two additional approved units in any of the five subject requirements.