

**CONDON HIGH SCHOOL**  
**COURSE CATALOG**  
**2017-2018**

## HEALTH

[Required: One \(1\) credit](#)

### Health

In the first semester students will study environmental health, healthy eating, alcohol, tobacco, and drug prevention, mental, social and emotional health, and injury prevention. During the second semester students will study first aid, CPR/AED training, sexual health, prevention and control of disease, violence and suicide prevention and promotion of physical activity (10<sup>th</sup>) (1 credit) (Required)

## LANGUAGE ARTS

[Required: Four \(4\) credits.](#)

### English 9/10

In this course ninth and tenth grade students will develop skills in reading, writing, speaking, vocabulary, and literary analysis. Instruction in reading, writing, and speaking will focus on the standards established by the state of Oregon. Vocabulary will focus on learning Greek and Latin roots, prefixes and suffixes to help students become lifelong learners of words. Literary analysis will focus on the role of the individual in society and how that is reflected in literature. This will be done through lecture, classroom discussion, written and oral assignments, and exams. Oral presentations and writing activities will be integrated into the curriculum. (9<sup>th</sup>-10<sup>th</sup>) (1 credit) (Required)

### English 11/12

In this course juniors and seniors will continue to refine their skills in reading, writing, and speaking. They will build their vocabularies and be able to critically analyze literature. Reading will be taken from English Literature. Elements of the course will prepare interested students for the Scholastic Aptitude Test (SAT-College Entrance Exam). Students will read, write and discuss literature. They will learn daily vocabulary words and apply them in their writings. Speeches and debates are a part of this course. (11<sup>th</sup>-12<sup>th</sup>) (1 credit) (Required)

## MATHEMATICS

[Required: Three \(3\) credits.](#)

## **Algebra I**

**Algebra I includes the study of properties and operations of the real number system; evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials, and solving simple quadratic equations (9<sup>th</sup>-10<sup>th</sup>) (1 credit) (Required)**

## **Algebra II**

**Algebra II continues the investigation of algebraic relationships. Topics covered include solving polynomial equations and inequalities, factoring, functions, irrational numbers, complex numbers, exponential and logarithmic functions, matrices and trigonometry. (9<sup>th</sup>-12<sup>th</sup>) (1 credit) (Required) (Prerequisites: Geometry and Algebra 1)**

## **Geometry**

**The students will study the interrelationship of points, lines, planes, and space. The students will learn to apply these relationships in a variety of practical situations. Students will learn how geometry impacts art, architecture, poetry, and the construction of various geometric shapes. Students will demonstrate the use of deductive reasoning in problem solving. (9<sup>th</sup>-11<sup>th</sup>) (1 credit) (Required) (Prerequisite: Algebra 1)**

## **Math 95 (Intermediate Algebra)**

**Introduces functions graphically and symbolically with an emphasis on function notation. Investigates functions, equations, and graphs involving linear, quadratic, rational, radical, and absolute value expressions. Integrates technology throughout. Graphing calculator required. (11<sup>th</sup>-12<sup>th</sup>) (.5 credit) (Elective)(Prerequisites: MTH 65 or equivalent placement test scores; placement into WR 115)**

## **Probability, Statistics and Data Analysis**

**Students will increase their awareness of the importance of mathematics in the modern world. This course will introduce the study of probability, interpretation of data, and fundamental statistical problem solving. This course will cover basic statistical concepts that will prepare the student to take a college-level statistics course in the future. Students will explore and analyze data by observing patterns or the absence of patterns, interpret information from graphical and tabular displays, apply appropriate statistical models to infer information from data, and learn to use technology in solving statistical problems. Students are expected to utilize scientific calculators, graphing calculators, and/or computer software throughout the year. (11<sup>th</sup>-12<sup>th</sup>) (.5 credits) (Elective)**

## **PHYSICAL EDUCATION**

**Required: One (1) credit.**

### **Physical Education**

This course will promote fitness to such an extent that students will acquire better physical health, greater mental alertness, and healthy social attitudes. The course will enable students to experience a more pleasant lifestyle. In keeping the concept of total wellness and physical fitness, the class is in a rather formal pattern, progressing at a steady rate within the capabilities of each student. Each student will demonstrate the ability to perform game skills and fundamentals that will increase interest in physical activities and promote carryover values for later life. Students will continue to develop concepts of teamwork, effort, reliability's and fitness. (9<sup>th</sup>-12<sup>th</sup>) (1 credit) (1 credit required; additional credit, Elective)

### **Weight Training**

Weight training courses help students develop knowledge and skill with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning. (9<sup>th</sup>-12<sup>th</sup>)(1 credit)(Elective)

## **SCIENCE**

**Required: Three (3) credits.**

### **Earth Science**

This course offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this course will explore geology, meteorology, and geography. (10<sup>th</sup>) (1 credit) (Required)

### **Biology**

This course is designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure

and function, general plan and animal physiology, genetics, and taxonomy. (9<sup>th</sup>) (1 credit)  
(Required)

### Chemistry

Students will study composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations are also studied. (11<sup>th</sup>-12<sup>th</sup>) (1 credit)

## SOCIAL STUDIES

Required: Three (3) credits.

### World History

Students will study the overview and development of civilization from the time of the development of the world's first advanced cultures and societies up to the time of the expansion of western civilization, which occurred during the age of discovery and exploration. And will extend to the study of world events up to the beginning of the 20<sup>th</sup> century. (9<sup>th</sup>/10<sup>th</sup>) (1 credit) (Required)

### US History

This course will cover the major events in the history and development of the United States as a country. A chronological study of these events, beginning with the colonial period and continuing to and beyond the country's emergence into the 20<sup>th</sup> century, will be the focus of this course. Several themes and principles important to the country's development will be identified and emphasized throughout the course. Key personalities influential in and important to the country's creation, its early growth, and its continued development up to and into the 20<sup>th</sup> century will, also, be identified and studied. (11<sup>th</sup>) (1 credit) (Required)

### Government

The students will get an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics. (11<sup>th</sup>-12<sup>th</sup>) (.5 credit) (Required)

## Economics

This course will provide students with an overview of economics with primary emphasis on the principles of microeconomics and the U.S. economic system. These course may also cover topics such as principles of macroeconomics, international economics, and comparative economics. Economic principles may be presented in formal theoretical contexts, applies contexts, or both. (11<sup>th</sup>-12<sup>th</sup>) (.5 credit) (Required)

## CAREERS AND TECHNICAL EDUCATION

and

## SECOND LANGUAGE

Required: Three (3) credits in any combination of courses.

## Personal Finance

This course is similar to banking and finance courses, but they focus specifically on finance, addressing how businesses raise, distribute, and use financial resources while managing risk. Course content typically involves modeling financial decisions (such as borrowing, selling equity or stock, lending or investing) typically undertaken by businesses. (11<sup>th</sup>-12<sup>th</sup>) (1 credit) (Elective)

## Spanish I

Students will begin to develop speaking, reading, and writing skills in Spanish and learn about Hispanic culture. Topics of study include: Spanish alphabet, Spanish-speaking countries and capitals, greetings and farewells, numbers 0-100, body, adjectives, school subjects, classroom objects, telling-time, verbs in the present tense, weather and environment, and more. (9<sup>th</sup>-12<sup>th</sup>) (1 credit) (Elective)

## Spanish II

Students will continue to develop speaking, reading, and writing skills in Spanish; learn about Hispanic culture. Topics of study include: verbs in the present tense, food, family, celebrations, restaurant, sports and sports equipment, and more. (10<sup>th</sup>-12<sup>th</sup>) (1 credit) (Elective)

## Introduction to Health Occupations

**This course provides an overview of the health care professions, including employment trends, ethics, current health issues, and job search strategies. Students will complete five clinical rotations, explore and write about challenges faced by healthcare providers and interview a healthcare professional during the course of the semester. Two college credits may be earned through Central Oregon Community College for this class. (9<sup>th</sup>-12<sup>th</sup>) (1 credit) (Elective)**

### **First Responder/Fire Science**

**The purpose of the first responder component is to provide the participant with knowledge and skills necessary to work as a First Responder in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until more advanced medical help can arrive. The course content and activities will prepare participants to make appropriate decisions about the care to provide in an emergency. The general objective for this class will be to prepare students to successfully pass the practical and written exams for state certification as a First Responder. Three college credits may be earned through Columbia Gorge Community College for this class. The Fire Science component of this course will introduce students to the field of fire prevention and control and enable them to extend their knowledge through the use of chemical, physical, and engineering principles to understand factors involved in fires. Course topics typically include the chemistry of combustion, factors that influence fire (such as structural design and meteorology) and safety procedures. (9<sup>th</sup>-12<sup>th</sup>) (1 credit) (Elective)**

### **Health Services I**

**This class is aimed at high school students who are interested in pursuing further education in a variety of healthcare professions. In order to pursue a healthcare profession at the post-secondary level, students must have an understanding of the general principles of anatomy, physiology, and medical terminology. In addition, this class will provide opportunities for communication, and apply information about healthy lifestyles. Ultimately, students will demonstrate the ability to provide appropriate emergency and non-emergency medical care to people in need. Students will study the historical contributions of different cultures to modern medicine. (9<sup>th</sup>-12<sup>th</sup>) (1 credit) (Elective)**

### **Medical Terminology**

**This course introduces students to the basics of medical terminology in preparation for college classes in the healthcare professions. The focus of the class will be three fold. First, students will analyze words by dividing them into component parts. As students become familiar with word parts and learn what each means, they will be able to recognize those word parts in totally new combinations in other terms. Secondly, students will relate the**

medical terms to the structure and function of the human body. Medical terms are explained in the context of how the body works in health and disease. Lastly, students will practice reading from medical journals to experience medical terminology in a professional context. These readings and summaries will focus on comprehension and critical reading skills. (9<sup>th</sup>-12<sup>th</sup>) (.5 credits) (Elective)

#### **Industrial Arts**

This course will teach carpentry skills through building a greenhouse and other woodworking projects. Through this hands on learning the class will Reinforce math skills in occupational applications. Course content will also include topics of soil science, natural resources, solar power, and other industrial skills. (9<sup>th</sup>-12<sup>th</sup>) (1 credit) (Elective)

### **OTHER ELECTIVES**

**Required: Six (6) credits in any combination of the following courses.**

#### **Photojournalism**

This is an introductory course in photojournalism presented in multimedia context. This class will be taught as hands-on with students using the i-Pad to capture photos. Students will engage in basic digital photo techniques, photo composition, photo editing and to more comprehensive visual storytelling which may include audio, video and other multi-media components. (9<sup>th</sup>-12<sup>th</sup>) (.5 credit) (1<sup>st</sup> semester) (Elective)

#### **Yearbook**

This course produces the year book for Condon High School. The book will serve as a memory book of the events and personalities of the school year, as a reference book, as a history of the school year, and as a public relations medium. Students will learn design skills in developing a cover, division's pages, and different layouts for the pages of the book. Also, students will learn and use skills necessary for taking pictures for publication in the yearbook. Students will be responsible for going out into the community to sell advertisement to local businesses and individuals to gain financial support for the production of the yearbook. (9<sup>th</sup>-12<sup>th</sup>) (.5 credits) (2<sup>nd</sup> semester) (Elective)

#### **Work Experience**

Work Experience is a practical application of the skills, techniques and abilities gained from classroom instructions. Students will work in local businesses related to their area of career

interest. Cooperating businesses will attempt to cover all the aspects of the specified interest area. Students may work in a non-paid work site, however, there may be some paid worksites developed. Any change in the work site may be at the discretion of the work site coordinator so the teacher coordinator. (11<sup>th</sup>-12<sup>th</sup>) (.5 credits) (Elective)

#### **Art**

This course introduces students to the Elements of Art and Principles of Design while developing drawing skills. Students will have the opportunity to experience a variety of media while developing their own individual style and creative problem solving skills. Students will demonstrate their ability to respond, to analyze and to interpret their own artwork and the work of others through discussions, critiques, and writings. (9<sup>th</sup>-12<sup>th</sup>) (1 credit) (Elective)

#### **Literacy Strategies**

This course will offer the students the opportunity to focus on their reading and writing skills. Assistance is targeted to students' particular weaknesses and is designed to bring students' reading and writing comprehension up to the desired level or to develop strategies to read/write more efficiently. (9<sup>th</sup>-12<sup>th</sup>) (1 credit) (Elective)

#### **Transition Math**

This course will reinforce math skills from Algebra 1 and Geometry. It is recommended for students that need targeted assistance to bring math skills up to a desired level. (10<sup>th</sup>-12<sup>th</sup>)(1 credit)(Elective)(Prerequisite: Attempted Algebra 1/ Geometry)

