

CONDON HIGH SCHOOL
COURSE CATALOG
2018-19

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 (10th) (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. (9th-10th) (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. (11th-12th) (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 (9th-10th) (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. (9th-12th) (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. (9th-11th) (1 credit) (Required) (Prerequisite: Algebra 1)

Pre-Calculus

The Students will combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and math Analysis topics as preparation for Calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential rational, right trigonometric, and circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; mathematical induction; matrix algebra; sequences and series; and limits and continuity. (11th-12th) (1 credit) (Elective)

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. (11th-12th) (.5 credits) (Elective)

PHYSICAL EDUCATION

Required: One (1) credit.

Physical Education/ Weight Training

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. 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. (9th-12th) (1 credit) (1 credit required; additional credit, Elective)

SCIENCE

Required: Three (3) credits.

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. (9th-10th) (1 credit) (Required)

Physics I

Students will involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena. (10th) (1 credit)

Physics- Advanced

Usually taken after a comprehensive initial study of physics, Physics—Advanced Studies courses provide instruction in laws of conservation, thermodynamics, and kinetics; wave and particle phenomena; electromagnetic fields; and fluid dynamics. (11th-12th) (1 credit)

SOCIAL STUDIES

Required: Three (3) credits.

World Geography

This course will provide students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and the development; and the movement of people, goods, and ideas. (9th/10th) (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 20th 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 20th century will, also, be identified and studied. (11th) (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. (11th-12th) (.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, applied contexts, or both. (11th-12th) (.5 credit) (Required)

CAREERS AND TECHNICAL EDUCATION

and

SECOND LANGUAGE

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

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. (9th-12th) (1 credit) (Elective)

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. (11th-12th) (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. (9th-12th) (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. (10th-12th) (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. (9th-12th) (1 credit) (Elective)

Personal Training

This course may provide students with the knowledge and skills to understand and perform therapeutic tasks that would be designated by an athletic or fitness trainer. Topics covered may include taping and bandaging, proper use of protective padding, treatment modalities, anatomy and physiology, and medical terminology. Students may learn to measure cardiorespiratory endurance, muscular strength and endurance, flexibility, body composition, and blood pressure. Emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. More advanced topics may include injury assessment, the phases of healing, and the use of exercise and equipment to help in the reconditioning of injured athletes. (9th-12th) (.5 credit) (Elective)

Nutrition

Nutrition and Wellness courses focus on how physical, mental, social, psychological, and emotional wellness are related to food, food selection, and health. Topics typically include dietary needs across one's lifespan, stress management, special dietary issues, and eating disorders as well as societal and genetic health issues that are addressed through the prevention education component of the class. Other topics covered range from healthy food selection, label reading, and diet analysis to understanding additives, making wise food choices, and dealing with food allergies. (9th-12th) (.5 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. (9th-12th) (.5 credits) (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. (9th-12th) (.5 credit) (1st 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. (9th-12th) (.5 credits) (2nd 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. (11th-12th) (.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. (9th-12th) (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. (10th-12th)(1 credit)(Elective)(Prerequisite: Attempted Algebra 1/ Geometry)

Leadership

This course will strengthen students' personal and group leadership skills. Typically intended for students involved in extracurricular activities (especially as officers of organizations or student governing bodies), these courses may cover such topics as public speaking, effective communication, human relations, parliamentary law and procedures, organization and management, and group dynamics. (9th-12th) (1 credit) (Elective).