



SHAREPCS

PORTLAND CHRISTIAN SCHOOL

ONLINE COURSE DESCRIPTIONS

Psychology

Psychology is a course for students in grades 11-12. Psychology is designed to introduce students to the scientific study of the behavior and mental processes of human beings and animals in order to understand themselves as well as those around them. This understanding of others will in turn equip students to better communicate the Gospel. Students will be provided with a critical overview of the study of psychology, focusing on the theories and research methods used in psychological science and practice. Students should expect to spend 3-4 hours during the week listening to pre-recorded lectures, reading textbook material and other publications while completing assignments. Classes will meet remotely once a week with the understanding that other times may be required for special discussions. FlipGrid and other programs will be used to allow for asynchronous oral and written discussion to help create a more dynamic classroom community.

Prerequisites: None

Spanish I

Spanish I is an introductory Spanish course for students in grades 9-12 who have had no prior experience with the Spanish language. This course is designed around the standards created by the American Council of the Teaching of Foreign Language (ACTFL), which is dedicated to the improvement and expansion of the teaching and learning of language instruction for all levels through a communicative approach. These standards focus on 5 main aspects: communication, cultures, connections, comparison, and communities. The class will focus on acquiring language skills with multimodal, multisensory techniques that foster the development of written and oral proficiency within a cultural context as well as practice language skills that allow them to communicate the Gospel in Spanish. Classes will meet remotely once a week with the understanding that other times will be required for oral assessments either in groups or individually. FlipGrid or similar programs will be used to allow for oral expression as well as creating a more dynamic classroom community. The instructor will be available for extra help as

needed. Students should expect to spend approximately 3-4 hours per week on assignments that prepare them for remote meeting times to practice language skills.

Prerequisite: None

Spanish II

Spanish II is a continuation of understanding, speaking, reading, and writing Spanish. Students should have at least one year of Spanish in order to be prepared for this class. This course is designed around the standards created by the American Council of the Teaching of Foreign Language (ACTFL), which is dedicated to the improvement and expansion of the teaching and learning of language instruction for all levels through a communicative approach. These standards focus on 5 main aspects: communication, cultures, connections, comparison, and communities. The class will focus on acquiring language skills with multimodal, multisensory techniques that foster the development of written and oral proficiency within a cultural context as well as practice language skills that allow them to communicate the Gospel in Spanish. Classes will meet remotely once a week with the understanding that other times will be required for oral assessments either in groups or individually. FlipGrid or similar programs will be used to allow for oral expression as well as creating a more dynamic classroom community. The instructor will be available for extra help as needed. Students should expect to spend approximately 3-4 hours per week on assignments that prepare them for remote meeting times to practice language skills.

Prerequisite: One year of high school Spanish

ART 1

ART 1 is an introductory art course for students in grades 9-12 who have had no prior high school art experience. This is a project-based course designed for exploration of the elements of art and principles of design through traditional techniques using a variety of media such as pencil, charcoal, marker, black and white paint and Prismacolor pencils. Activities will include skill building exercises as well as creating finished works of art. Subject matter is presented within a framework of biblical truths. Observation, problem-solving and imagination drive the creative process through which students can explore these truths.

The class will meet remotely with the instructor two times each week during the semester for instruction and project check-ins. The instructor will be available for

individual extra help as needed. Students will have approximately 2-3 hours of artwork to do each week as homework and will be required to purchase a set of art materials.

Materials list: Sketchbook, pad of Bristol board 11" x 14", 18" ruler, Ebony pencil, eraser, blending stump, charcoal, set of Sharpie markers, set of Prismacolor pencils, artist brushes, tubes of black and white acrylic or tempera paint.

Prerequisite: None

ART 2

ART 2 provides an opportunity for students to expand on the design concepts introduced in ART 1. Projects include more advanced drawing, color theory and painting techniques leading to the development of skills that are necessary for advanced art courses. Students are given more in-depth problems to solve creatively as they explore ideas of beauty, brokenness, and redemption in the understanding that we have eternal life through Jesus Christ.

The class will meet remotely with the instructor two times each week during the semester for instruction and project check-ins. The instructor will be available for individual extra help as needed. Students will have approximately 2-3 hours of artwork to do each week as homework and will be required to purchase a set of art materials.

Materials list: Sketchbook, pad of Bristol board 11" x 14", 18" ruler, tracing paper, Ebony pencil, eraser, blending stump, charcoal, set of Prismacolor pencils, artist brushes, set of 8 tubes acrylic or tempera paint.

Prerequisite: ART 1

World Geography

In this class students will focus on the five themes of Geographical study as well as biblical integrations that lend itself to the study of God's creation. Geography, the study of the spatial aspects of human existence, enables students to find answers to questions about the world around them. A geographically informed person sees, understands, and appreciates the connections among people, places, and environments. Understanding these connections requires an acute awareness of space, which can be identified in terms of location, distance, direction, pattern, shape, and arrangement. With a strong grasp of geography, students will be prepared to understand issues and solve problems in the contemporary world.

Prerequisite: None

Government/Civics

American Government is a class designed to acquaint students with the origins, concepts, organizations, and policies of the United States government and political system. To increase comprehension, students will read and analyze relevant primary and secondary source documents and incorporate these ideas into the assigned material. We will focus on the divine providence of establishment of our nation with biblical values.

Prerequisite: None

US History

American History is a course designed for furthering your knowledge and appreciation of our nation's past, present, and future with a focus on God's divine intervention and effect. The course will develop an understanding of social, political, economical, cultural, and military experiences that have played a crucial role in shaping the history of our country. Upon successful completion of this course, students will be better prepared to understand the significance of our country's history.

Prerequisite: None

World History

In this course, students will briefly study the features and achievements of ancient civilizations. Students will learn about significant social and political changes in Europe during the Renaissance and Age of Exploration. This course is designed to help students discover the impact of migration of people, goods, and diseases to the Americas and Oceania. Study will include comparison of Chinese, Japanese, African, and American societies as they existed during the early modern period. Islamic empires that formed during the early modern period will be studied. Students will learn about the Enlightenment and the effects of industrialization as well as the origins and spread of Christianity. Discussion will include how states in the western hemisphere developed after gaining independence from European colonial powers. Imperialism and the events leading up to the Great War are included in the syllabus. Studies will include the great depression and its impact on the world. Students will work to identify how people in Asia, Africa, and Latin America sought to gain independence from colonial powers.

Finally, students will study the impact of World War II, the Cold War, and globalization on the world.

Prerequisite: None

Biology

This course covers all of the national Next Generation Science Standards. We utilize a storylining curriculum which uses real world research and data to introduce and reinforce biology concepts. Activities include modeling, data analysis, research, geographical analysis, and application. There is a lab component that is achieved using virtual tools. Biological concepts are taught through a biblical worldview while developing the students' critical thinking and analytical skills. This course will meet virtually twice a week.

Prerequisite: None

Anatomy and Physiology

Anatomy and Physiology is a full credit science elective and is available to students in 11th and 12th grades. This course covers the basics of human anatomy and physiology within the body's systems. This course includes lectures, online modules, and real world application and clinical skills. There is a lab component that is achieved using virtual tools. This course is taught through a biblical worldview. This course will meet virtually once a week.

Prerequisite: Biology and Chemistry

Algebra I

This course is designed to emphasize the study of multiple representations of linear and nonlinear functions. It includes mathematical concepts for working with rational numbers, various expressions, analyzing and solving linear equations & inequalities, data analysis, probability, statistics, and polynomials. There will be required homework assignments each week. Students will be required to meet virtually at least once a week and may be required twice if needed.

Prerequisite: NONE

Algebra II

This course is designed to build on algebraic and geometric concepts. It develops advanced algebra skills such as systems of equations, advanced polynomials, imaginary and complex numbers, quadratics, and concepts and includes the study of trigonometric functions. It also introduces matrices and their properties. The content of this course

are important for students' success on both the ACT and college mathematics entrance exams. There will be required homework assignments each week. Students will be required to meet virtually at least once a week and may be required twice if needed.

Prerequisite: Algebra I

Geometry

This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations and right triangle trigonometry. Inductive and deductive thinking skills are used in problem solving situations, and applications to the real world are stressed. There will be required homework assignments each week. Students will be required to meet virtually at least once a week and may be required twice if needed.

Prerequisite: Algebra I