



2020-21 Academic Course Catalog

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Graduation Requirements

To earn a diploma from Portland Adventist Academy, students must:

- Earn a minimum of 250 credits
- Meet all subject requirements (see below)
- Take a minimum of five academic courses each semester of senior year (a full schedule of seven classes is recommended)
- Make up credit for any failed semester of a required course

Subject Requirements

Religion - 5 credits for each semester student attends an Adventist school

Technology - 10 credits

Students are required take Computer Applications as freshmen.

Modern Language or Electives - 30 credits

Students are strongly encouraged to choose a Modern Language course. Two or three years of the same modern language is an entrance requirement for many colleges and university degree programs.

Science - 30 credits

English - 40 credits

Physical Education - 10 credits

Health - 10 credits

Mathematics - 30 credits

Students must complete three years of mathematics at the Algebra 1 level or higher while in high school. Four years is recommended. Students who enter PAA's math program as 9th graders at an advanced level are still required to complete three years of mathematics while in high school to meet the graduation requirement. Students who have taken a math class during their senior year have shown a significantly higher success rate overall in college.

History - 30 credits

Students are required to complete World History (or AP World History), US History (or AP US History), and Government & Economics.

Art - 10 credits

Practical Art - 10 credits

Seniors are required to pass the Senior Seminar class in 12th grade.

To earn an Advanced Curriculum diploma from PAA, students must meet additional requirements:

- Earn a minimum cumulative GPA of 3.25
- Earn 20 credits in Modern Language (same language)
- Successfully complete two advanced curriculum courses
- Earn 40 credits in Math (Algebra I and higher; PAA's Probability & Statistics is not eligible)
- Earn 40 credits in Science

Graduation Planner

GRADUATION REQUIREMENTS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR COURSES	SENIOR COURSES
Religion 40 credits	Bible I (required)	Bible II (required)	Bible III (required)	Bible IV (required)
English 40 credits	English I (required)	English II (required)	English III AP Eng. Language & Comp.^ AP Eng. Literature & Comp.^	English IV AP Eng. Language & Comp.^ AP Eng. Literature & Comp.^
Mathematics 30 credits Algebra I & above ACD 40 credits - not including Prob/Stats	Algebra I* Geometry*	Algebra I* Geometry* Algebra II	Geometry Algebra II Precalculus Intro to Calculus AP Calculus AB^	Algebra II Precalculus Intro to Calculus AP Calculus AB^ Statistics/Probability
Science 30 credits ACD 40 credits	Physical Science (required)	Biology	Physics Chemistry Anatomy & Physiology^ Intro. To Engineering Projects	Physics Chemistry Anatomy & Physiology^ Intro. To Engineering Projects
Technology 10 credits	Computer Applications (required)	Game Design & Robotics	Game Design & Robotics AP Comp. Science Principles^	Game Design & Robotics AP Comp Science Principles^
History 30 credits	World History AP World History^**	World History AP World History^	U.S. History AP U.S. History^	Government/Economics (required)
PE & Health 10 credits PE 10 credits Health	PE & Health I (required)	PE & Health II (required)	Independent Health I & II (for transfer students)	Independent Health I & II (for transfer students)
Modern Language ACD 20 credits	Spanish I	Spanish I/II	Spanish I/II/III	Spanish I/II/III Independent Spanish Reading
Art 10 credits	Visual Arts, Foundations Band Choir Hand Bells Music Theory & Guitar Drama String Orchestra	Visual Arts, Found./Advanced Band Choir Hand Bells Music Theory & Guitar Drama Media Arts, Foundations Music Performance & Production^ String Orchestra	Visual Arts, Found./Adv../College^ Band Choir Hand Bells Music Theory & Guitar Drama Media Arts, Found./Advanced Music Performance & Production^ String Orchestra	Visual Arts, Found./Adv../College^ Band Choir Hand Bells Music Theory & Guitar Drama Media Arts, Found./Advanced Music Performance & Production^ String Orchestra
Practical Arts 10 credits	Auto Mechanics	Auto Mechanics	Auto Mechanics Speech & Debate AP Psychology^ Publications^ Outdoor Leadership^	Senior Seminar (required) Auto Mechanics Speech & Debate AP Psychology^ Publications^ Outdoor Leadership^
250 credits Required	60-80 credits recommended	60-80 credits recommended	60-80 credits recommended	50-80 credits recommended

Most courses are ten credits per year. Some courses have fees in addition to your regular tuition.

Students may opt for the Advanced Curriculum Diploma (ACD) by completing more rigorous academic requirements.

*A math entrance test is given to incoming freshmen to assist in determining their placement into Algebra I or Geometry.

^Advanced Curriculum Courses require an approved Advanced Curriculum Application.

**Freshmen must have completed Summer World History course to be eligible for AP World History in fall of 9th grade.

Religion Courses

Graduation Requirement - 5 Credits for each semester,
while attending PAA

Change Agent Project (CAP)

All students enrolled in Bible classes are asked to spend ten hours per quarter serving the community. This is called Change Agent Project or CAP. The project is designed to encourage students to develop a lifestyle of service, challenge themselves, and create positive change for God's Kingdom. CAP constitutes ten percent of the overall Bible grade. Students who plan to log volunteer hours in the summer are encouraged to contact their Bible teacher prior to beginning their project.

Bible I

9th Grade, 10 credits

This course explores the reality of God. Is He real? What is His character? Can He be trusted? Other topics include: the Sabbath, the Life of Christ, the gift of grace, and finding identity in Christ.

Bible II

10th Grade, 10 credits

Bible II engages with the topics of God's Love, Jesus' Teachings, Book of Acts, and Abiding in Christ.

Bible III

11th Grade, 10 credits

This course begins with a study of the reliability of Scripture as the Word of God. It then provides an overview of the prophetic books of Daniel and Revelation. Focus then turns to the way the Holy Spirit has guided the Seventh-day Adventist church throughout history.

Bible IV

12th Grade, 10 credits

This course explores World Religions, Ethics and Morality, Interpersonal Relationships, and the Good News found in the Gospel of John.

Introduction To The Bible

First Year International Students, 10 credits

This course covers the fundamental beliefs of Biblical Christianity. The students are introduced to the main stories, people, and ideas that form Christianity. Students' eyes are opened to the possibility of a loving Creator God and Savior. This course is required for international students working toward a PAA diploma.

Technology Courses

Graduation Requirement - 10 Credits

Computer Applications

9th Grade, 10 credits

This required course involves general computer literacy and development of specific computer application skills. The computer literacy component includes history, terminology, ethics, and the internet. Software application topics vary but include word processing, spread sheeting, and at least two of the following: image editing, computer programming, and video editing.

AP Computer Science Principles - Fee \$95

11th-12th Grade, 10 PAA credits, 3 CCU credits, Advanced Curriculum Course

Computer Science Principles introduces students to foundational concepts of computer science and challenges them to explore how computing and technology impacts the world. The course focuses on creative problem solving using Visual Basic .NET. The prerequisite for this class is a B or better in Algebra I. Students must submit an application for Advanced Curriculum classes. Students must apply to Colorado Christian University to be eligible for dual credit. Enrollment in dual credit is a separate process and does not nullify the AP exam requirement or the expectation that students will do their best on the exam.

Game Design & Robotics - Fee \$160

10th-12th Grade, 10 credits

This course provides an introduction to computer programming with an emphasis on robotic systems for students with no programming background. Students will learn programming and critical thinking through a variety of coding opportunities and investigations. An introduction to, and exploration of, block and procedural programming languages provides a foundation for eventual programming of TEXTRIX robots. Students will learn to construct, control and program these robots. The prerequisite to this class is Computer Applications or instructor approval.

Modern Language Courses

Recommendation – 20+ Credits
Advanced Curriculum Diploma Requirement – 20 Credits

Spanish Classes

The goal of the Spanish program is proficiency--the ability to use the language, rather than simply learning about the language. Guided by the standard set by the American Council on the Teaching of Foreign Languages (ACTFL), classes aim for teacher and students to use Spanish at least 90% of the time, with English used to clarify meaning and to assess comprehension. Proficiency goals are also guided by ACTFL.

Placement

Students who took Spanish in elementary school, but are not certain whether they should take Spanish I or Spanish II, should meet with the Spanish teacher to determine appropriate placement.

Challenge Exam

A comprehensive exam covering listening, reading, writing and speaking skills is offered for students who already speak Spanish. Students may receive Pass/Fail credit for Spanish I or both Spanish I and II, depending on test score. The test is administered once a year. Contact the Spanish department for more information.

CLEP

PAA administers the College Board Spanish CLEP test, which grants university credit for language proficiency. Students who have completed Spanish III are encouraged to take this test. For more information about the CLEP exam, including sample questions and study resources, consult the College Board website: <http://clep.collegeboard.org/exam/spanish-language>.

ACTFL Proficiency Levels

A full description of the ACTFL guidelines for Reading, Listening, Speaking, Writing and Interpersonal Communication can be found at www.actfl.org.

Spanish I

9th-12th Grade, 10 credits

Students with little or no background in Spanish develop skills of listening, reading, writing and speaking Spanish as they co-create and read stories from paragraph to novel length. This course focuses on mastery of the most common words which are necessary for basic communication. Culture and history of Spain and Mexico are infused throughout the curriculum. Students learn a Bible memory verse each quarter and basic geography of the Spanish-speaking world. Target proficiency level is Novice High on the ACTFL scale.

Spanish II

10th-12th Grade, 10 credits

Students continue to develop skills of listening, reading, writing and speaking Spanish through reading and storytelling. A semester-long focus on a Spanish-speaking country allows students to explore history, culture and individuals or issues from that country. Students learn a Bible memory verse each quarter and geography of the Spanish-speaking world. Target proficiency is Intermediate Low on the ACTFL scale. The prerequisite for this class is a grade of C or better in Spanish I or instructor approval.

Spanish III

10th-12th Grade, 10 credits

Spanish III is blended with Spanish II on a two-year curriculum cycle. This class is appropriate for students who wish to continue to higher levels of proficiency as well as those who did not achieve the proficiency targets in Spanish II and need more time to reach that level. Depending on proficiency acquired, students may prepare for the Spanish CLEP (College Level Examination Program). Target proficiency is Intermediate Mid on the ACTFL scale. The prerequisite for this class is a grade of C or better in Spanish II or instructor approval.

Independent Spanish Reading

10th-12th Grade, 2 credits

Students read independently in Spanish through an online e-course. Students who have completed Spanish III or who have similar proficiency in Spanish may take this course.

Science Courses

Graduation Requirement – 30 Credits

Advanced Curriculum Diploma Requirement – 40 Credits

Physical Science

9th Grade, 10 credits

This course will introduce students to two major sciences: chemistry, and physics. Development of knowledge competencies and critical thinking skills will be emphasized through: class work, lectures, projects, laboratory experiments, and field trips. This course sets the foundation for success in the advanced classes currently being offered.

Biology

10th Grade, 10 credits

This course introduces the student to the fundamentals of structure and functions of living things. Emphasis is placed on topics that are relevant to modern research in Biology such as biochemistry, cell structure and reproduction, cell metabolism, genetics, DNA structure, microbiology, the study of disease, the organization of life, and body systems. Students learn from interactive lectures, laboratory activities, worksheets, projects, and video presentations. The prerequisite for this class is 10 credits of high school science.

Introduction To Engineering Projects

11th-12th Grade, 10 credits

This course is designed to take real-world connections and apply them to science, mathematics, and engineering as a part of a student's everyday world. Students take on the role of engineers and apply the engineering design process to define and solve problems by inventing and improving products, processes, and systems. Students will begin to understand the relationships among STEM (Science, Technology, Engineering, and Math) concepts and practices through hands on project based learning.

Physics

11th-12th Grade, 10 credits

This course is a conceptual approach to the study of physics, designed to produce an understanding of the physical laws used to explain natural occurring events such as motion, force, heat, light, sound, and electricity. Through laboratory experimentation and a blend of lecture, class demonstrations and discussion, the concepts will be applied toward solving everyday problems. This class is structured toward more comprehension than computation. The prerequisite for this class is Geometry and enrollment in Algebra II.

Chemistry - Fee \$45.00

11th-12th Grade, 10 credits

This course is designed for students who have little background in the physical sciences, but who may need the class for future studies. Course work will include topics such as the SI System of measurement, dimensional analysis, atomic structure, bonding, atomic geometry, periodic law, chemical formulas, and chemical equations. Students will learn from classroom lectures, laboratory experiments, audio/visual aids, teacher demonstrations, work sheets, projects, and textual assignments. The prerequisite for this class is C- or better in Biology and Algebra I.

Anatomy & Physiology - Fee \$300.00

11th-12th Grade, 10 PAA credits, 4 CCU credits, Advanced Curriculum Course

This course promotes an understanding of the systems of the human body. The various organs are studied in detail as to their structure and function and how they relate to the operation of the body as a complete entity. The theme and context of the course is to point the student to a greater understanding of their Creator by studying the miracle of life. Students will experience classroom lecture, laboratory investigations, readings, projects and field trips. The prerequisite for this class is a grade of B or better in Biology and all previous science classes, and instructor approval. Students must submit an application for Advanced Curriculum classes. Student must apply to Colorado Christian University to be eligible for dual credit.

English Courses

Graduation Requirement - 40 Credits

English I

9th Grade, 10 credits

This Introduction to Literature course concentrates on expanding students' skills in the areas of reading, writing, speaking, vocabulary, grammar, and mechanics. The literature includes a broad exploration of multiple genres and time periods. In the composition component of this course, students write multiple formal essays each quarter, learn research skills and MLA style formatting.

English II

10th Grade, 10 credits

This World Literature course is designed to encourage critical thinking and writing skills through close reading of literature from various cultures around the world, ancient to present day. As a result, students gain a better understanding of the world, learn to embrace differences, and more clearly define their own identity. A strong emphasis is placed on assisting students to expertly write to analyze, explain, and express a particular point of view all in relation to the literature being explored. In addition, research writing skills and use of the 6+1 Trait writing model are further developed.

English III

11th Grade, 10 credits

In this American Literature course students read a variety of American novels, short stories, poems, and essays spanning the sixteenth to the twenty-first centuries. The purpose of this course is to improve reading and critical thinking skills, as well as writing and speaking skills. Through engagement in close reading, writing, discussion, critical analysis, and debate, students gain an understanding of how literature is intricately tied to history and culture. Additionally, students are taught to identify and respond to the style (diction, syntax, figurative language, and mechanics), structure, themes, and rhetorical appeals (ethos, pathos, logos) of any given work.

English IV

12th Grade, 10 credits

This British Literature and Academic Writing course is designed to assist students in academic writing skills through essays and research papers, as preparation for college writing. Students learn to analyze a writer's logic and progression, and then echo or improve upon those skills in their own writing. The basic writing process and the 6+1 Traits are utilized with a focus on rationale and purpose; finding, evaluating, and referring to relevant literature; organization; and expert use of the MLA style of source documentation. In addition, time is spent surveying selected works of British literature ranging from the Anglo-Saxon period through the twentieth century. Emphasis is placed on historical background, cultural context, and literary analysis of poetry, prose fiction, nonfiction, and drama.

AP English Literature & Composition - Fee \$95

11th-12th Grade, 10 PAA credits, 3 CCU credits, Advanced Curriculum Course

This is a college-level course taught under the guidelines of the College Board in preparation for the AP examination in May. PAA values and invests heavily in AP opportunities. Students scoring well on the AP exam often earn college credit or advanced college placement. This course engages students in the careful reading of imaginative literature, one in which students experience, interpret, and evaluate literature. Students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As students engage in close reading of selected texts - from the 16th to the 21st century, they consider the work's structure, style and themes, as well as the use of figurative language, imagery, symbolism, and tone. The writing component of this course includes honing persuasive language, research skills, compare and contrast of differing perspectives, and critical analysis - all within the exploration of literary works. Students must submit an application for Advanced Curriculum classes. Student must apply to Colorado Christian University to be eligible for dual credit. Enrollment in dual credit is a separate process and does not nullify the AP exam requirement or the expectation that students will do their best on the exam.

AP English Language & Composition - Fee \$95

11th-12th Grade, 10 PAA credits, 3 CCU credits, Advanced Curriculum Course

The student in an Advanced Placement or Honors English course is expected to do a greater amount of work than is normally done in that year of English studies. The student who selects, with the approval of the instructors and his/her parents, an advanced section is willing both to approach the subject at a more sophisticated level and to devote additional time to study at home. They must be able to work at an independent level.

Advanced Placement English is a college-level class taught under the guidelines of the College Board in preparation for the AP examination in May. PAA values and invests heavily in AP opportunities. Students scoring well on the AP exam often earn college credit or advanced college placement. It will engage students in becoming skilled readers of American literature written in a variety of periods, genres, and rhetorical contexts. Students will be expected to read widely and deeply while considering a work's structure, style, theme, syntax, diction, and tone. Students will focus on becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students must submit an application for Advanced Curriculum classes. Student must apply to Colorado Christian University to be eligible for dual credit. Enrollment in dual credit is a separate process and does not nullify the AP exam requirement or the expectation that students will do their best on the exam.

Applied Writing & Critical Thinking

International students whose SLEP scores are below 40, 10 credits

This course provides a systematic and focused approach to English language development, using rigorous and coherent instruction that motivates students with relevant literature and strategic skills. Instruction focuses on the 9-10th grade English Language Development Standards.

Applied Writing and Critical Thinking takes students from basic knowledge and understanding of English standards and concepts to a deeper understanding of and the ability to apply those concepts to all genres of writing and methods of communication. The class emphasizes writing, speaking, and presentation skills according to the genre of each unit. Each unit has a writing component focus correlated with the Six Traits of Writing in order to strengthen the components of writing while still addressing the process as a whole. Each unit also has a speaking/presentation component which teaches students to appropriately differentiate writing and speaking skills.

Intensive English & Writing

International students whose TOEFL scores are below 71, 10 credits

The course builds upon the previous level for returning international students and provides a systematic and focused approach to English language development using rigorous and coherent instruction that motivates students with relevant literature and strategic skills. Instruction focuses on 9th - 12th grade English Language Arts standards and 9th - 12th grade English Language Development standards at the Intermediate level.

Advanced grammar, listening comprehension, academic speaking, and reading comprehension are featured. This course also covers the fundamentals of writing a research paper. Advanced punctuation, annotation, and bibliography writing are a sample of topics addressed.

Physical Education Courses

Graduation Requirement – 10 Credits of PE, 10 Credits of Health

Physical Education & Health I - Fee \$15

9th Grade, 10 credits

This course is designed to build a foundation for fitness proficiency and social and physical skills. Students are introduced to all aspects of a structured physical education program. The intent is to make physical activity fun while presenting material that demonstrates the importance of physical education. Each quarter consists of pre and post fitness tests, calisthenics, fitness training, and a variety of sports/game units. The course is designed to develop skills in recreational and carryover sports that may be used later in life and to develop an awareness of the role of fitness in daily life.

Instruction in health is approached through the concept of wellness. This class is designed to give the students an awareness of all aspects of healthful living (mental, emotional, physical and spiritual), enabling them to integrate this awareness into everyday life. The curriculum is designed to show that the student is responsible for his/her health. Emphasis is placed to some degree on five dimensions of wellness: stress management, nutritional awareness, physical fitness, personal health and safety, and self-image. This is a required class for all freshmen.

Physical Education & Health II

10th Grade, 10 credits

This course continues where previous course leaves off. This is a required class for all sophomores.

Independent Health I & II

10th-12th Grade, Semester, 5 credits each

These courses are designed for transfer students who have PE credit but have not earned ten credits of Health. Instruction in health is approached through the concept of wellness. This class is designed to give the students an awareness of all aspects of healthful living (mental, emotional, physical and spiritual), enabling them to integrate this awareness into everyday life. The curriculum is designed to show that the student is responsible for his/her health. Emphasis is placed to some degree on five dimensions of wellness: stress management, nutritional awareness, physical fitness, personal health and safety, and self-image.

Advanced Physical Training

11th-12th Grade, First and Fourth Quarters, 1 credit each

This course is designed to acquaint students with the knowledge and skills necessary to maintain an active lifestyle including; movement, physical fitness and conditioning. Students will be expected to complete weekly runs, conditioning drills and weight training. Drills will include; basketball, soccer, badminton and dodgeball.

Mathematics Courses

Graduation Requirement – 30 Credits

Advanced Curriculum Diploma Requirement – 40 Credits

The PAA mathematics placement exam is given to incoming students to determine their placement into Algebra I or Geometry. Please call the registrar to schedule this test.

Algebra I

9th-10th Grade, 10 credits

This course supplies the necessary algebra base for further study in all other math classes. Content includes operations with real numbers and polynomials, factoring, solving equations and inequalities in one and two variables and graphing.

Geometry

9th-12th Grade, 10 credits

This course develops an understanding of two dimensional space by using deductive reasoning and proof. Topics covered include: triangle congruence, properties of parallel lines, planes, polygons, similar triangles, circles, and coordinate geometry, as well as other concepts, as time allows. A review of algebra, including problem solving and applications, is integrated throughout. Geometry is required before taking college level math classes at many colleges and universities, including Walla Walla University. The prerequisite for this class is a passing grade in Algebra I in high school or a satisfactory score on the PAA mathematics placement exam after having completed Algebra I in the 8th grade.

Algebra II

9th-12th Grade, 10 credits

This second year algebra course reviews fundamental algebra skills and concepts, followed by chapters on systems of equations and inequalities, polynomial and rational functions, and their graphs, matrices and determinants. A graphing calculator is strongly recommended. Texas Instruments TI-83 or TI-84 calculators may be rented from the mathematics department for \$20 per year, but the number is limited. Algebra II is required before taking college level math classes at many colleges and universities, including Walla Walla University. The prerequisite for this class is a grade of C- or better in Algebra I and Geometry.

Precalculus

11th-12th Grade, 10 credits

This course covers the topics such as linear functions, quadratic functions, exponential and logarithmic systems of equations and inequalities, polynomial functions, rational functions, trigonometric functions, analytic trigonometry, trigonometric identities and complex numbers, as well as other concepts, as time allows. This class has a graphing approach as its main emphasis, so a Texas Instruments TI-83 or TI-84 graphing calculator is required. Texas Instruments TI-83 or TI-84 calculators may be rented from the mathematics department for \$20 per year, but the number is limited. The prerequisites for this class are a grade of C or better in both Algebra II and Geometry.

Introduction To Calculus - Fee \$25

11th-12th Grade, 10 credits

This course begins by reviewing basic precalculus concepts and continues with linear systems and matrices, sequences, series and probability including the binomial theorem, conics, polar equations, limits, differentiation and its applications, and concludes with a basic introduction to the remaining concepts found in Calculus I, as well as other concepts, as time allows. A Texas Instruments TI-84 or TI-89 graphing calculator is required. Texas Instruments TI-84 calculators may be rented from the mathematics department for \$20 per year, but the number is limited. The prerequisite for this class is a grade of C or better in Precalculus.

AP Calculus AB - Fee \$120

11th-12th Grade, 10 PAA credits, 4 CCU credits, Advanced Curriculum Course

AP Calculus AB is a college level Advanced Placement (AP) course that is equivalent to the first semester or most of the first two quarters of college Calculus. The content of the class includes both differential and integral Calculus in preparation for the national AP Calculus AB exam in May. This is a rigorous course that requires significantly more time and dedication than the usual high school mathematics course, at least to be successful in the class and score highly on the national exam. A graphing calculator is required for the class (Texas Instruments TI-84 or TI-89 are acceptable models). Texas Instruments TI-84 calculators may be rented from the mathematics department for \$20 per year, but the number is limited. NOTE: There is advance homework totaling about 4 – 8 hours, which is required during the summer prior to taking the class. The prerequisite for this class is a grade of B or better in Precalculus. Students must submit an application for Advanced Curriculum classes. Student must apply to Colorado Christian University to be eligible for dual credit. Enrollment in dual credit is a separate process and does not nullify the AP exam requirement or the expectation that students will do their best on the exam

Statistics & Probability

12th Grade, 10 credits, Not eligible for Advanced Curriculum Diploma

This senior-only mathematics course is available for those students who plan on taking statistics in college (not only business majors) or for those students who do not wish to proceed with the higher levels of Precalculus or Calculus as a senior. These subjects deal with random samples, normal distributions, standard deviations and other areas of both probability and statistics, as well as other concepts, as time allows. There will be an emphasis on problem solving using real life situations. This class is not teacher or book driven, but requires a student to be self directed and driven. This is also a calculator-based, workbook driven class. A Texas Instruments TI-83 or TI-84 graphing calculator is required. Texas Instruments TI-83 or TI-84 calculators may be rented from the mathematics department for \$20 per year, but the number is limited.

History Courses

Graduation Requirement – 30 Credits

World History

9th-10th Grade, 10 credits

This course begins with a review of the cultural foundations of early civilization and proceeds with an analysis of the development of Western Civilization and its interaction with African, Asian, Middle Eastern and Native American cultures. After review of classical Greek and Roman society, emphasis is placed on the major turning points in world history from the Renaissance and Reformation through modern times, with special focus on studying the connections between past developments and contemporary issues.

AP World History - Fee \$95

9th-10th Grade, 10 PAA credits, 3 CCU credits, Advanced Curriculum Course

This course focuses on developing students' abilities to think conceptually about world history from the beginning of recorded human existence to the present through the application of historical thinking skills. Five themes of equal importance—focusing on cultures, state-building, economic systems, the environment, and social structures—provide areas of historical inquiry for investigating the connections between past developments and contemporary issues. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on studying developments and processes that influence and cross multiple regions. This course requires regular readings from a college-level textbook as well as other sources. Significant focus is given to analytical, document-based, historical writing. PAA values and invests heavily in AP opportunities. AP classes are designed to prepare students to take the AP exam in May. Students scoring well on the AP exam often earn college credit or advanced college placement. The prerequisite for 9th grade students is Summer World History. Students must submit an application for Advanced Curriculum classes. Students must apply to Colorado Christian University to be eligible for dual credit. Enrollment in dual credit is a separate process and does not nullify the AP exam requirement or the expectation that students will do their best on the exam.

United States History

11th Grade, 10 credits

This course is a survey of United States history from colonial beginnings to the present, with special emphasis on the 20th Century and current events. The growth of American democracy is the central theme, with its corresponding implications for government and society. An additional focus is the emergence of the United States as a world power and the resulting responsibilities and ramifications this entails for U.S. involvement in world affairs. The prerequisite for this class is World History or Global Studies.

AP United States History - Fee \$95

11th Grade, 10 PAA credits, 3 CCU credits, Advanced Curriculum Course

AP US History (APUSH) is a challenging, rigorous college-level course covering American History from 1491 to present day. This course provides a comprehensive, in-depth examination of U.S. history to motivated students. APUSH students will analyze and interpret primary and secondary source documents; appreciate and understand America's political, economic, cultural, diplomatic, environmental, technological and social history; and develop and improve writing skills. Writing is emphasized since more than half of the AP exam requires analytic and scholarly writing. PAA values and invests heavily in AP opportunities. AP classes are designed to prepare students to take the AP exam in May. Students scoring well on the AP exam often earn college credit or advanced college placement. The prerequisite for this class is a grade of B or better in World History. Students must submit an application for Advanced Curriculum classes. Student must apply to Colorado Christian University to be eligible for dual credit. Enrollment in dual credit is a separate process and does not nullify the AP exam requirement or the expectation that students will do their best on the exam.

Government & Economics

12th Grade, 10 credits

This course focuses on the study of the development and function of U.S. government with emphasis on the principles set forth in the U.S. Constitution and the responsibility of effective citizen participation. Additionally included is an applicable review of the structure of economic processes with focus on the effects of supply and demand, income distribution, employment, poverty, inflation, the environment, business functions and comparative economic systems. The prerequisite for this class is U.S. History.

Art Courses

Graduation Requirement - 10 Credits

Visual Arts, Foundations - Fee \$160

9th-12th Grade, 10 credits

This course is designed to give every student the fundamentals and the technical skills, creative process and principles of creative thinking to express and communicate visually. The course will prepare the student who wants to pursue an advanced education in a creative field. Creative process we believe is an attribute of character that will enhance the students' abilities in all parts of their lives and expands their abilities to imagine with empathy their privilege to serve others.

Visual Arts, Advanced - Fee \$160

10th-12th Grade, 10 credits

In this elective course, students will focus on producing 2 and 3 dimensional work of portfolio quality. Students will be required to participate in the national portfolio review as preparation for portfolio presentations for acceptance to third year advanced education prep course. Creative Process, Portfolio Creation, Advanced Projects in Drawing, Acrylic Painting, Ceramics, Fused glass, Metals Sculpture, Fabric Design, 3D Imaging and Printing. The prerequisite for Advanced Visual Arts is Foundations of Visual Arts class. Students must submit an application for Advanced Curriculum classes. Class size is limited to 15 students.

Visual Arts, College Portfolio Projects & Preparation - Fee \$160

11th-12th Grade, 10 credits, Advanced Curriculum Course

The College Portfolio Projects and Preparation course is the third in a sequence beginning with the Foundations of Visual Arts and progressing to Advanced Visual Arts. This course will facilitate the organization and preparation of projects of those students wanting to pursue a higher education in a creative discipline by helping students to hone their skills and prepare a professional portfolio. Class members will apply to college and university art programs and participate in the annual National Portfolio Days to present their portfolios to as many national and international art programs as they can. The prerequisite for this class is two years of art and departmental approval. Students must submit an application for Advanced Curriculum classes. Class size is limited to 15 students.

Media Arts, Foundations - Fee \$160

10th-12th Grade, 10 credits

This elective course covers the basic principles of graphic design, photography (including photo retouching, enhancements, and manipulation), as well as the basic principles of TV and film production (including script writing and editing). The students learn the elements and rules of art and design, studio lighting basics, subject identification and composition. The class covers basic camera usage and settings. The prerequisite for Foundations of Media Arts is Computer Applications. Class size is limited to 15 students.

Media Arts, Advanced - Fee \$160

11th-12th Grade, 10 credits

In this elective course, students will learn how to analyze and criticize art and its aesthetics. They will build upon the skills learned in the Foundations course, producing a final project, portfolio or footage reel highlighting their strongest works. The Advanced students will have an 'independent study' type of environment where they will explore and produce art that interests them most. They will also be exposed to ethical and legal issues in visual art, digital media and broadcasting. The prerequisite for Advanced Media Arts is Computer Applications and Foundations of Media Arts class. Class size is limited to 15 students.

Drama - Fee \$160

9th-12th Grade, 10 credits

This elective course is designed to give students a graduated growth experience on the stage, from simple beginning activities and skits to the more complex plays. Students begin with imagination stretching, simple pantomimes, characterization, improvisation, simple vocal production, memorized scene work and beginning auditioning techniques. Students are required to attend all rehearsals and performances.

Band - Uniforms Required for Performances – Uniform Fee \$90.00

9th-12th Grade, 6 credits

Band is a non-auditioned elective course offered to students who wish to continue playing their instruments in an award-winning band. Students are exposed to a broad range of musical styles including classical, contemporary, swing, popular, and sacred pieces. Performances include our Christmas & Spring concerts, Featured Church performances, Feast and Fanfare Fundraiser, and a required Music Tour each spring. Music tour cost is approximately \$300 and can be fundraised through our Feast & Fanfare concert. In addition, some years the band competes in the regional and state competitions. Students are advised to have their own instruments; however, some are available for minimal rent through the school. Attendance at all rehearsals and concerts is required. The prerequisite for Band is some instrumental/music experience.

Choir - Uniforms Required for Performances – Uniform Fee \$90.00

9th-12th Grade, 6 credits

Choir is a non-auditioned elective course offered to students who wish to continue singing and developing their voice and ear-training. Students are exposed to a broad range of musical styles including classical, contemporary, swing, popular, and sacred pieces. Choir performs approximately 10 times per year at Featured Church performances, community events, Christmas and Spring concerts, Feast and Fanfare Fundraiser, and during the required Music Tour. Music tour cost is approximately \$300 and can be fundraised through our Feast & Fanfare concert. In addition, some years the Choir competes in the regional and state competitions. The choir rehearses three days per week. Attendance at all rehearsals and concerts is required.

Alegria

By Audition Only, 4 credits

Alegria is the select choral group at Portland Adventist Academy. The group size ranges from 12-20 singers and focuses mainly on a capella vocal technique. To become a member of Alegria, you must be a member of Choir, complete an audition, and be selected by the director. Alegria performs approximately 15-20 times per year at Featured Church performances, community events, Christmas and spring concerts, Feast and Fanfare Fundraiser, PAA Day, Alumni Weekend, and during the required Music Tour. Music tour cost is approximately \$300 and can be fundraised through our Feast & Fanfare concert. In addition, some years the Choir competes in the regional and state competitions. Rehearsals are two days per week. Attendance at all rehearsals and concerts is required and entrance into the group is a year-long commitment. Students must submit an application for Advanced Curriculum classes.

Music Theory & Guitar I - Fee \$160

9th-12th Grade, 10 credits

This elective course covers basic music theory as it applies to the guitar. In this class, students will learn how to play rhythm (chords) and how to play lead (melody, soloing, improvisation). You can join Guitar I without ever having touched a guitar... as long as the desire to learn is there! Students will need a guitar.

Music Theory & Guitar II - Fee \$160

10th-12th Grade, 10 credits

This class expands upon Guitar I. The same concepts are reinforced with greater depth. Students should be familiar with all of the basic chords, understand how to improvise over various chord progressions, and ready to perform a growing repertoire of songs. Students should also be able read and play a chord/lyric chart (such as a praise song). Students in Guitar II should be seen performing in chapel and /or other school events. The prerequisite for this class is Music Theory & Guitar I or instructor approval. Students will need a guitar.

Music Performance & Production - Fee \$200

10th-12th Grade, 10 credits, Advanced Curriculum Course

Music Performance and Production covers the live and studio aspects of playing the guitar or instrument of your choice. Proficiency is required. Topics covered include: Guitar/instrument sounds and styles, repertoire development, stage presentation, studio playing and comprehension, and multi-track recording. The prerequisite for this class is proficiency in the instrument of your choice. Students must submit an application for Advanced Curriculum classes.

Bell Canto - Fee \$160.00 – Uniforms Required for Performances – Uniform Fee \$90.00

By Audition Only, 4 credits

Handbells is an auditioned group of between 11-14 students, and focuses on a wide range of medium to advanced music for handbells and handchimes. Most students that play in Handbells have previous experience. Handbells performs frequently at Featured Church performances, community events, Christmas and spring concerts, a fundraiser concert, Alumni weekend, and music tour. Attendance at all rehearsals and concerts is required, and entrance into the group is a year-long commitment. Students must submit an application for Advanced Curriculum classes.

String Orchestra (PASO) - Fee \$160.00 – Uniforms Required for Performances –
Uniform Fee \$90.00
9th-12th Grade, 5 credits

Portland Adventist String Orchestra is an auditioned based group. The String Orchestra's mission is to provide music for sacred and secular events both on and off campus, to provide an opportunity for string musicians to learn ensemble technique, to improve personal skill, to learn music theory and history, and to build teamwork. Students will be required to prepare individually to participate in weekly rehearsal which is held after school hours, take private lessons with an instructor of their choice, and perform in all scheduled concerts. All players will need to provide their own instruments. Music will be provided. Students must submit an application for Advanced Curriculum classes.

Practical Arts Courses

Graduation Requirement - 10 Credits

Auto Mechanics - Fee \$160

9th-12th Grade, 10 credits

This course emphasizes those facets of the automotive field which relate to car service. Through a combination of classroom discussion, demonstration and laboratory experience, the student becomes aware of the complexity of the modern automobile. Lab time during the year targets: fuel, ignition, lubrication, cooling, charging and starting systems. Other activities include, diagnosis, tune-up, brake systems, and oil change.

Publications

11th-12th Grade, 10 credits, Advanced Curriculum Course

This course is designed to teach the skills necessary to produce a variety of publications in a deadline-driven environment. Students will learn organization and communication skills in a team/group oriented environment. A major focus of the class is designing the school yearbook. The focus of projects will be effective, high quality design, writing, and photography. Adobe InDesign, Photoshop and Lightroom will be the main software used, as well as Josten's Monarch for yearbook production. The prerequisite for this class is Computer Applications, (and) Visual or Media Arts, and instructor approval. Students must submit an application for Advanced Curriculum.

Speech & Debate

11th-12th Grade, 10 credits

This course's purpose is to equip students to communicate well within professional settings (e.g., public speaking, critical thinking exercises, college presentations, etc.). The first semester of this course is designed to teach students the fundamentals of speech communication. Students will present a variety of formal speeches including: Storytelling Speech, How-To Speech, Persuasive Speech, and a TED Talk. The second semester will focus on learning rhetoric and understanding morality. This will give a strong foundation as the class ends the year tackling current topics of debate.

AP Psychology - Fee \$95

11th-12th Grade, 10 PAA credits, 3 CCU credits, Advanced Curriculum Course

This college level course will familiarize and engage students with the history, theories, and understandings of the human mind through the science of psychology. All work will be structured toward achieving the goal of truly understanding the inner workings of human behavior and mental processes. Students are exposed to the psychological facts, principles and phenomena associated with psychology's major subfields. Throughout the course, students will explore and appreciate God's amazing design in the creation of our minds. PAA values and invests heavily in AP opportunities. AP classes are designed to prepare students to take the AP exam in May. Students scoring well on the AP exam often earn college credit or advanced college placement. Students must submit an application for Advanced Curriculum classes. Student must apply to Colorado Christian University to be eligible for dual credit. Enrollment in dual credit is a separate process and does not nullify the AP exam requirement or the expectation that students will do their best on the exam.

Senior Seminar

12th Grade, 10 credits

This course incorporates five areas, including:

College Preparation helps students identify what college options are available and what is the right choice for them with an emphasis on criteria to choose a college, the application process, and the financial aid process. **Careers** give students an opportunity to evaluate current and future career trends and with the help of career testing exploring options for their own careers.

Senior Project is a culminating experience designed to allow students to choose, plan and manage a project of between 25 and 65 hours, which demonstrates learning while exploring an area of interest. Students use what they have learned throughout high school to organize, problem-solve, and manage time and resources. The student's experience and the physical project are shared in a formal presentation to a panel, utilizing technology and speaking skills.

Media & Persuasion teaches students to think about and analyze a variety of media messages - television, radio, internet, billboards, movies, print ads, social media, and more. Students learn what types of messages are being communicated, by whom, for whom, and for what purpose. An emphasis is placed on responsible personal media usage.

Personal Finance provides seniors with information, practical skills, and decision-making skills that will enable them to thrive and function in today's financial world. Topics include personal and family budgeting, responsible use of credit, good spending habits and long term investing.

Outdoor Leadership - Fee \$160

11th-12th Grade, 10 credits, Advanced Curriculum Course

This course will focus on learning trip planning and sports that will correlate with the calendar seasons (backpacking, skiing and snowshoeing, snow safety, rock climbing, and mountaineering). Students should be prepared to provide some of their own personal camping gear, but any specialized gear will be provided. Students must submit an application for Advanced Curriculum classes. Class size is limited to 16.

U.S. Culture & Diversity

First year international students, 10 credits

This course is designed to enhance the student's academic ability within a variety of subject areas. Students demonstrate their knowledge and understanding in the fields of the arts, music, geography, literature, and social science to help them better understand themselves and society. Frequent writing assignments, critical thinking, open discussion, speaking skills, individual presentations, and independent research are strongly emphasized.

Independent Study Period

9th-12th grades, NO credit

Independent Study Period is a structured class for students to receive individual support with organization and study skills and to work on assignments and projects from their other classes, and to study for quizzes and tests. Independent Study Period is also a time to organize your school work and develop good study skills. This is not a free period and should be treated like any other class.