



Cambridge Christian School
High School Course Description Guide
2019-2020

Table of Contents

English..... 3

Mathematics 5

Science..... 7

History..... 9

Bible..... 12

World Language..... 13

Physical Education 14

Technology..... 15

STEM 16

Visual Fine Arts..... 17

Performing Fine Arts – Instrumental 18

Performing Fine Arts – Choral..... 18

Performing Arts – Theatrical..... 19

English

Honors Entrance Criteria:

1. All A's in previous College Prep English class or all A's and B's in previous English Honors class.
2. Teacher Recommendation: excellent class conduct and maturity, above average reading and writing skills.
3. PSAT National Reading and Writing Score $\geq 45\%$

AP Entrance Criteria:

1. All A's in previous English Honors class or all A's and B's in previous AP English class.
2. Teacher Recommendation: excellent class conduct and maturity, above average reading and writing skills.
3. PSAT National Reading and Writing Score $\geq 70\%$

English 9 – Intro to Literature and Composition

1 Credit

This course is designed to develop foundational college level reading skills based on exposure to increasingly complex literary and informational text. Students will be exposed to a variety of genres including short stories, plays, novels, and poetry from distinct cultures and historical perspectives. Strategic reading instruction will expand student knowledge of text structures and elements, as well as refine their ability to interpret and critically analyze literature/text. Through various writing exercises, students will develop and strengthen their ability to convey complex ideas clearly and coherently as proficient writers. Students will compose arguments to support claims/counter claims, produce informative/explanatory/narrative essays, and conduct research projects. Instruction in the proper use of grammar, acquisition of vocabulary, rhetoric, and effectual applications of language will support course objectives.

English 9 Honors – Intro to Literature and Composition

1 Credit

This course is designed to expose students to a variety of writing experiences and enhance their exposure to complex genres of literature & informational text. The goal of the course is to augment and continue to develop student skills of literary interpretation and critical analysis. Reading instruction is focused on building higher level thinking skills, to evaluate the literary techniques of the authors, and interpret the themes from the literary works. Students will learn literary forms and terms associated with complex literature and informational text. Students will read novels, short stories, plays, and poems that represent various cultures as well as historical time periods and perspectives. Students will compose arguments to support claims/counter claims, produce informative/explanatory/narrative essays, and conduct research projects with proficiency. Instruction in the proper use of grammar, acquisition of vocabulary, rhetoric, and effectual applications of language will support course objectives.

English 10 – World Literature and Composition

1 Credit

This course will take students on a journey through time as they read, annotate, analyze, and evaluate the significance of traditional and contemporary text at a foundational level. Students will be presented with texts in various genres, which reflect the various philosophical movements and historical perspectives from world literature. Also, students will continue to improve their skills in reading, writing, grammar, vocabulary, literary analysis, critical thinking, speaking, study skills, and collaborative thinking. Students will analyze short stories, poems, dramas and selected novels from a biblical worldview, identifying common literary elements such as plot, characterization, conflict, settings, theme, and point of view, etc. Students will also develop the skills needed to conduct research and compose research essays throughout the year.

English 10 Honors – World Literature and Composition

1 Credit

This course will take students on a journey through time as they read, annotate, analyze, and evaluate the significance of traditional and contemporary complex text. Students will be presented with texts in various genres, which reflect the various philosophical movements and historical perspectives from world literature. Also, students will refine their skills in reading, writing, grammar, vocabulary, literary analysis, critical thinking, speaking, study skills, and collaborative thinking. Students will analyze short stories, poems, dramas and selected novels from a biblical worldview, identifying common literary elements such as plot, characterization, conflict, settings, theme, and point of view, etc. Students will also conduct research and compose research essays throughout the year.

English 11 – American Literature and Composition

1 Credit

This course is a general survey of American Literature and continues to build and expand literary analysis skills, critical thinking, and collegiate level reading comprehension. Students will read, annotate, evaluate, and discuss works that reflect a foundational level of literacy and informational text that represents American culture and tradition. Students will analyze short stories, poems, dramas and selected novels from a biblical worldview, identifying common literary elements such as plot, characterization, conflict, settings, theme, and point of view, etc. in a manner that expands their skill set. Also, students will perfect their skills in writing, grammar, acquisition of college-level vocabulary, speaking, study skills, and collaborative thinking.

English 11 Honors – American Literature and Composition

1 Credit

This course explores the cultural and historical issues reflected in the literature of American classical authors through contemporary time. Students will annotate, read critically and demonstrate understanding of literary elements and analysis techniques leading to interpretation and critical thinking of the literary and informational text presented from the time period. Students will analyze short stories, poems, dramas and selected novels from a biblical worldview, identifying common literary elements such as plot, characterization, conflict, settings, theme, and point of view, etc. Also, students will demonstrate improved writing skills and research strategies, application of grammar, and acquisition of college-level vocabulary. The course will also focus on developing rhetoric, strong study skills, and collaborative thinking. Students will deliver multimedia presentations as well as produce and seek to publish work.

English 12 – British Literature and Composition

1 Credit

This course is designed to help students cultivate an understanding for the cultural and historical perspectives of Western and British literature. Students will read, annotate, and deepen their analysis of literary and informational text as they read novels, plays, short stories, and poetry. Emphasis is placed on developing student proficiency in synthesizing and analyzing literature and informational text, while evaluating literary elements, concepts, and themes. Students will aim to improve and gain proficiency in reading comprehension, writing, vocabulary acquisition, and grammar skills as they are guided through specific instructional strategies. The goal of this course is to equip students to be successful as they enter college-level English and the challenging types of readings students will be required to read and interpret in college. Students will refine their writing skills as they compose persuasive, expository, narrative, and document-based essays. The course will also require students to use technology to conduct educational research, create oral presentations and participate in collaborative novel-based projects. Students will further sharpen their research skills as they participate in a research project in the second semester.

English 12 Honors – British Literature and Composition

1 Credit

This course surveys British Literature while expanding student understanding of the cultural and historical perspectives of the time period. Students will read, annotate, and deepen their analysis of literary and informational text as they read novels, plays, short stories, and poetry. Emphasis is placed on refining student proficiency in synthesizing and analyzing literature and informational text, while evaluating literary elements, concepts, and themes. Students will demonstrate competency in reading comprehension, writing, vocabulary acquisition, and mastery of the conventions of the Standard English language. This course is designed to equip students to excel in their ability to work with the challenging types of readings they will encounter in college. Students will perfect their writing skills as they compose persuasive, expository, narrative, and document-based essays. The course will also require students to use technology to conduct educational research, create oral presentations and participate in collaborative novel-based projects. Students will also demonstrate their ability to conduct research as they participate in a research project in the second semester.

AP English Language and Composition

1 Credit

This college-level course is designed to equip students to become skilled readers and writers. Students will read, analyze, and write about an array of challenging fiction and nonfiction texts, thus deepening their awareness of rhetoric and how language works. Students will examine and work with essays, articles, speeches, letters, media, art, novels, and short stories. Course readings feature expository, analytical, personal, and argumentative texts from a variety of authors and cultural/historical contexts. Through close readings, students will be able to read analytically by carefully considering an author's purpose, the needs of an audience, the demands of the subject, and the nuances of language: syntax, diction, tone, rhetorical strategies, and literary devices. Through various writing modes and strategies, students will be able to strengthen their own writing and analytical insight while developing an instinctual ability to work with language and text more purposefully. This course seeks for students to demonstrate understanding and mastery of standard written English as well as stylistic maturity in their own writings. Students will also create and sustain arguments based on readings, research, and /or personal experience. They will effectively move through the writing process as they evaluate primary and secondary sources and incorporate these documents into researched papers.

Pre-requisite: English 10 Honors

Additional Entrance Criteria: Successful completion of AP multiple choice and essay administered in the spring.

Summer work required

AP English Literature and Composition

1 Credit

This college-level course offers students an intensive study of various literary genres and periods, from the 16th to the 21st century. Students will critically read and analyze text through a close reading approach that will focus on developing their observational, interpretative, and evaluative skills. Through close reading students will focus on reading deliberately in order to consider a work's complexity, the meaning of the text, and how that text is exemplified in literary form. This approach will emphasize how students experience, interpret, and evaluate literature. Students will also consider the text detail and historical context as they critically interpret how these perspectives influence and impact the social and cultural values of each literary work. Writing instruction focuses on the critical analysis of literature and will be comprised of expository, analytical, and argumentative essays. Students will also participate in creative writing assignments aimed to help students discover the richness of how literature is written and to reinforce the reading and interpretation of literature. An emphasis will be placed on expanding the application of vocabulary, a variety of sentence

structures, logical and coherent organization of writing, balancing details, control of tone, consistency in voice, achieving parallelism & antithesis, and effective rhetoric.

Pre-requisite: AP Language and Composition

Summer work required

Creative Writing

.5 Credit

In this semester course, students will use project based learning and self-selected study to learn and write in multiple genres, such as poetry, short story, creative essay, and memoir. Students will learn about point of view, craft, voice, character development, and plot constructions. Students will learn to command language in regard to word choice, syntax, and style. Students will participate in writing workshops, presenting their writing and providing support and feedback to others based on the skills and objectives of the course.

Speech

.5 Credit

In this semester course, students will be introduced to the basic elements and concepts of effective and coherent verbal and presentational communication. The focus of this course is to develop fundamental speech skills, strengthen listening skills and further develop proper research skills. Students will learn how to support, build, write, deliver, and critique a variety of speeches and oral presentations. Through discussion and collaboration, they will gain confidence in the development and delivery of clear and concise communication. Students will deliver introductory, persuasive, informative multimedia, and biographical oral presentations. Additionally, they will participate in impromptu speeches & debate, as well as participate in a business sales presentation.

Online Media Communications

.5 Credit

In this semester course, students will be introduced to topics related to online media and mass communication, such as the history of mass communications and the evolving terrain of social media. Students will learn how to analyze online media and the stories images tell in order to decode the arguments they make. Through a variety of assignments using project-based learning, students will learn to combine carefully-crafted writing with digital images to make arguments or tell stories to communicate in a persuasive or effective way.

Mathematics

Honors and AP Entrance Criteria:

1. 80% or higher on the mid-term exam in current math class
2. Semester grade of a B or higher in current math class
3. PSAT National Math score at or above 60% for Honors placement
4. PSAT National Math score at or above 80% for AP placement
5. Teacher Recommendation
6. To move from college prep to honors math: student must have earned an A first semester and 3rd quarter in current math class and a minimum of an 88% on the mid-term exam.

Algebra 1

1 Credit

This course provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. In particular, the instructional program in this course provides for the use of algebraic skills in a wide range of problem-solving situations. The concept of function is emphasized throughout the course. There is much emphasis on building upon what was learned in pre-algebra. Students will learn to relate Algebraic skills to real life scenarios.

Geometry

1 Credit

This course relates foundational concepts from Algebra I to the study of Geometry. This course requires students to focus on logical proof and critical thinking when solving problems or evaluating arguments. This subject provides the necessary mathematical tools for complex reasoning and solving problems in the sciences, technology, engineering, and many skilled trades and professions. The course includes an overview analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Students will use construction tools and technology programs to expand their understanding of geometric concepts. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, and trigonometry. Emphasis will be placed on developing foundational critical thinking skills as they relate to logical reasoning and argument.

Pre-requisites: Algebra 1

Geometry Honors

1 Credit

This course relates concepts from Algebra I to geometric phenomena. This course requires students to focus on logical proof and critical thinking when solving problems or evaluating arguments. This subject provides the necessary mathematical tools for complex reasoning and solving problems in the sciences, technology, engineering, and many skilled trades and professions. The Geometry Honors course includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Students will use construction tools and technology programs to expand their understanding of geometric concepts. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, and analytic geometry. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument.

Pre-requisites: Algebra 1 Honors

Algebra 2

1 Credit

This course provides a review and extension of the concepts taught in Algebra 1. Topics covered will include equations and inequalities, coordinates and graphs, general functions, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, sequences and series. Graphing calculator skills will be taught and used in this course. Throughout this course, students will develop learning strategies, critical thinking skills, and problem solving techniques to prepare for future math courses and college entrance exams.

Pre-requisites: Algebra 1 & Geometry

Algebra 2 Honors

1 Credit

This course provides a greater extension of the concepts taught in Algebra 1 Honors. Topics covered will include equations and inequalities, coordinates and graphs, general functions, polynomial and rational functions, exponential and logarithmic functions, analytic geometry, systems of equations and inequalities, sequences and series. Graphing calculator skills will be taught and used in this course. Throughout this course, students will develop learning strategies, critical thinking skills, and problem solving techniques to prepare for future math honors courses and college entrance exams.

Pre-requisites: Algebra 1 Honors & Geometry Honors

Pre-Calculus Honors

1 Credit

This course is a continuation of Honors Algebra II or Algebra II, which is also a prerequisite. It is a preparation course for AP Calculus AB. Students will read mathematical problems actively and critically, present solutions to problems effectively, and use a variety of appropriate resources including the computer and calculator to solve mathematical problems. They employ multiple critical and creative thinking strategies in reasoning and problem solving. It will be very easy by the end of the course for the students to demonstrate a knowledge and appreciation of how mathematics can be used outside the mathematics classroom and applied to their everyday lives.

Pre-requisites: Algebra 2 Honors & Geometry Honors

Calculus Honors

1 Credit

This course will introduce the central concepts of calculus and provide experience with their method and applications. Limits, derivatives, and integrals are central to life, physics, and many careers, and understanding them will provide students with a better understanding of how the world around them works. These topics will be explored graphically, algebraically, numerically, and practically, with an emphasis on connecting the abstract math to concrete, practical uses in everyday life. Previous math courses play heavily into calculus, as graphing, functions, and trigonometry all interact and work with calculus in a myriad of ways. Students will be asked not only to show the ability to 'do the math', but also the ability to interpret the meaning of the answer.

Pre-requisites: Pre-Calculus Honors

Probability and Statistics

1 Credit

This course takes a thorough look at statistics and probabilities. Students learn the various terms of statistics and how to discuss statistics. They learn what good information versus bad information is and how to make informed decisions based on the type of information given. Students will explore statistics and probabilities by examining real world scenarios and then coming with various decisions and justifications for their decisions based on the data. Specific topics include data classification and representation, probability distributions, confidence intervals, hypothesis testing, and correlation and regression. Much discussion will happen on how the world uses statistics to propel their various agendas.

Advanced Topics and Modeling in Mathematics

1 Credit

This course is designed to prepare students for success in entry level college mathematics. This course will expand the understanding of topics including: expressions and equations, arithmetic with polynomials and rational expressions, interpreting functions, Geometric properties with equations, numbers and quantities, statistics and probability, and modeling. This course is designed for students pursuing a non-STEM field of study after high school.

AP Calculus AB

1 Credit

This course will introduce the central concepts of calculus and provide experience with their method and applications. The AP 'Big Ideas' of limits, derivatives, and integrals are central to life, physics, and many careers, and understanding them will provide students with a better understanding of how the world around them works. These topics will be explored graphically, algebraically, numerically, and practically, with an emphasis on connecting the abstract math to concrete, practical uses in everyday life. Previous math courses play heavily into calculus, as graphing, functions, and trigonometry all interact and work with calculus in a myriad of ways. Students will be asked not only to show the ability to 'do the math', but also the ability to interpret the meaning of the answer. In addition, this course will prepare students with the techniques and knowledge necessary to score well on the AP Calculus AB exam in May.

Pre-requisites: Pre-Calculus Honors

AP Statistics

1 Credit

This course takes a thorough look at statistics and probabilities. Students learn the various terms of statistics and how to discuss statistics. They learn what good information versus bad information is and how to make informed decisions based on the type of information given. Students will explore statistics and probabilities by examining real world scenarios and then coming with various decisions and justifications for their decisions based on the data. Specific topics include data classification and representation, probability distributions, confidence intervals, hypothesis testing, and correlation and regression. Much discussion will happen on how the world uses statistics to propel their various agendas. This course will prepare the students from the AP Statistics test in May.

Personal Finance

.5 Credit

Foundations in Personal Finance by Dave Ramsey is a class that will give you a head start to your future. Learning how to manage your money is one of the most important skills you can have. Your financial decisions will have long-term consequences, either good or bad. This class will give you the tools and knowledge that will help you win with money right from the start. When it comes to your financial future, we want you to aim high and dream big. This is a very practical class that will give you the tools needed to be successful.

Science

Biology

1 Credit

This course is designed to provide students with an in-depth overview of biology, the study of life. Student will examine biochemistry & cells, genetics, and creation & evolution in the first semester. In the second semester, they will study the taxonomy, microorganisms, fungi & plants, animal systems, and ecology. Participation in labs is a key part of the course as well as producing formal lab reports for each lab. Additionally, students will participate in the dissection of a fetal pig the end of the year. Students will be able to participate in a trip to Key Largo to further their study of marine phylum's.

Biology Honors

1 Credit

This course is designed to provide students with an in-depth overview of biology, the study of life. Student will examine biochemistry & cells, genetics, and creation & evolution in the first semester. In the second semester, they will study the taxonomy, microorganisms, fungi & plants, animal systems, and ecology. Participation in labs is a key part of the course as well as producing formal lab reports for each lab. Students will be able to participate in a trip to the Key's to further their study of ecosystems and phylum's.

Entrance Criteria: Semester grades of an A in Science 8 or semester grades of an A or B in Science 8 Honors. Teacher recommendation.

Chemistry

1 Credit

Chemistry I focuses on matter, its properties, and its changes. During the year, the following topics will be covered: measurement, problem solving, atomic structure, the periodic table, chemical bonding, stoichiometry, gases, solutions and oxidation-reduction reactions. There is an emphasis on the mathematical approach and experimental data analysis. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Pre-Requisite: Algebra 1 and Geometry

Co-requisite: Algebra 2

Chemistry Honors

1 Credit

Chemistry I Honors focuses on matter, its properties, and its changes. During the year, the following topics will be covered: measurement, problem solving, atomic structure, the periodic table, chemical bonding, stoichiometry, gases, solutions and oxidation-reduction reactions. While the content focus of this course is consistent with the Chemistry I course, students will explore these concepts in greater depth and with greater academic pace and rigor. There is an emphasis on the mathematical approach and experimental data analysis. Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Pre-Requisite: Algebra 1 and Geometry

Co-requisite: Algebra 2 Honors

Entrance Criteria: Successful completion of Algebra 1 and Geometry with semester grades of an A or B, good standing in Biology or Biology Honors, desire to work hard and utilize problem solving skills.

Forensic Science

1 Credit

Forensic Science is the application of different disciplines of science including biology, anatomy, chemistry and physics to the solve crimes. Students will actively engage in laboratory experiments and learn how to pay attention to the slightest details in order to get a true experience of a crime solver. The course will cover units on crime scene and eyewitness basics, power of evidence, blood basics, forensic entomology, fire science, and the science behind collisions.

Human Anatomy

1 Credit

This course will study the systems of the human body and how they work together. Students will learn basic anatomical terminology, biochemical composition of the human body, and all the major systems in great detail such as tissues, reproductive, integumentary, skeletal & muscular systems in the first semester. In the second semester, students will explore the nervous, digestive, urinary, cardiovascular, and respiratory & lymphatic systems. Additionally, this course includes laboratory learning experiences with dissections of owl pellet, sheep brain, cow eye, sheep heart & kidney and a cat dissection.

Anatomy and Physiology Honors

1 Credit

This course considers the two complementary branches of science: Anatomy and Physiology. These two sciences provide the concepts that help understand the human body and how it works. Anatomy studies the structure of body parts and their relationship to one another. Physiology studies the functions of the body parts work and how they carry out their life-sustaining activities. Students will learn basic anatomical terminology, biochemical composition of the human body, and all the major systems in great detail. Additionally, this course includes laboratory learning experiences with dissections of owl pellet, sheep brain, cow eye, sheep heart & kidney and a cat dissection.

Entrance Criteria: Semester grades of at least an 85% or higher in previous science course and teacher recommendation.

Marine Science

1 Credit

This course is a discussion and laboratory-based class that will examine the study of life in the ocean. Students will investigate the following topics: marine ecosystems, properties of water, migrations in the sea, exploring the seafloor, ocean biodiversity, marine ecology, marine life, waves, tides, and the human impact on marine life. Students will do an in-depth study of marine phyla which will include several dissections of organisms such as starfish, squid and sharks. As part of the course students will participate in both off-campus fieldtrips as well as hands-on labs in the classroom. Emphasis is placed on these laboratory activities and experiences.

Pre-requisite: Biology

Cost for fieldtrips is approximately \$100 for the year; one fieldtrip per semester

Physics Honors

1 Credit

This course is designed to give students an in depth understanding of the fundamental principles of Physics while developing problem-solving skills and reinforcing the application of mathematics skills. Students will explore the following topics; kinematics, vectors & two-dimensional motion, dynamics, conservation laws, thermal physics, simple harmonic motion, electricity, waves and sound, and optics. These concepts will be supported with labs and hands-on experiences.

Pre-requisite: Algebra 2 Honors

Co-requisite: Pre-Calculus Honors (highly recommended)

Entrance Criteria: Semester grades of an A or B in Algebra 2 Honors.

AP Physics 1

1 Credit

This course focuses on the topics typically included in the first semester of an algebra-based, introductory college-level Physics course. It will prepare students for future advanced coursework in the sciences. Students will develop critical thinking and reasoning skills while covering kinematics, Newton's laws, circular and rotational motion, law of gravitation, harmonic motion, conservation of momentum, conservation of energy, mechanical waves and sound, electrostatics and DC circuits.

Pre-requisite: Algebra 2 Honors

Co-requisite: Pre-Calculus Honors

Entrance Criteria: Semester grades of an A in Algebra 2 Honors and strong reading comprehension skills.

Summer work required

AP Biology

1 Credit

This course is designed to offer students a solid foundation in introductory college-level biology. This college level course will cover content in depth and place greater expectations on the interpretation and analysis of information than other biology courses. Students will analyze statistical data and model concepts acquired. Emphasis will be placed on scientific and analytical thinking as students examine the four big ideas that frame the course; evolution, cellular processes (energy and communication), genetics & information transfer, and interactions of biological systems. Most of what we know about biology today is the result of inquiry. Therefore, the inquiry in science and developing critical thinking skills is the most important part of this course. Students will complete formal lab reports for each of the required labs.

This course is only offered every other year.

Pre-requisite: Biology Honors and Chemistry Honors

Entrance Criteria: Semester grades of an A or B in both Biology Honors and Chemistry Honors and teacher recommendation.

Summer work required

AP Chemistry

1 Credit

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course requires that 25 percent of the instructional time engages students in lab investigations. This includes a minimum of 16 hands-on labs (at least six of which are inquiry based), and it is recommended that students keep a lab notebook throughout.

Pre-requisite: Chemistry Honors and Algebra 2 Honors

Co-requisite: Pre-Calculus Honors

Entrance Criteria: Successful completion of Algebra 2 Honors with semester grades of an A or B, maintained B+ average in Chemistry Honors, and Teacher Recommendation.

Summer work required

History

AP Entrance Criteria

1. Semester grades of an A in current College Prep History class or semester grades of an A or B in current AP History class.
2. PSAT National Reading and Writing Score $\geq 65\%$
3. Teacher Recommendation

AP Human Geography

1 Credit

This course is designed to prepare 9th grade students for intermediate and advanced college courses by making demands similar to those of a full year college survey course. AP Human Geography develops a greater understanding of economic geography, cultural geography, political geography, and urban geography. Daily activities focus on the mastery of a selective body of factual knowledge and the development of analytical skills required for success on the AP Human Geography examination. Critical reading and writing skills are developed through the evaluation of primary and secondary sources, oral presentations, short essays, and research assignments. Several themes frame the study of human geography including globalization, colonialism, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction. The course culminates with students completing the AP Exam in May.

Entrance Criteria: Cumulative grades of all A's in 7th & 8th Grade English, all A's in 7th & 8th Grade History, and teacher recommendation.

World Geography

1 Credit

The World Geography course is divided into two areas of study. In the first semester, the course is a comprehensive survey of United States History from Reconstruction to Present Day. The course progresses chronologically, beginning with the Reconstruction Era and then into modern day. The goals of the semester are to increase understanding of US History from Reconstruction to Present Day, enhance students' awareness of current events, and identify the trends evident in American History which have shaped the country into what it is today. By the end of the first semester, freshman students will understand the major historical events of the 19th, 20th, and 21st centuries that involved the United States, and will be able to understand the responsibilities and roles of US citizens through the perspective of a Biblical worldview.

In the second semester, the course provides a survey of the cultural, human, and physical geography of the earth. The course examines the various land and human features of the earth that have helped to shape the environment. Several themes frame this study including globalization, and human-environment relationships on places, regions, cultural landscapes, and patterns of interaction. Through both semesters, critical reading and writing skills are developed through the evaluation of primary and secondary sources, oral presentations, short essays, and research assignments. The course further endeavors to continue preparation of students in understanding historical events from a Biblical worldview perspective.

World History

1 Credit

In this course students will study the scope of human history, seeing how different civilizations have developed over time. Through inquiry into the past, students will gain an appreciation and understanding of history as a story told among people much like them and come to understand global interdependence and connections among world societies. Since this course covers 6000 years of history, it is, of necessity, a survey class, hitting the highlights of the world's great civilizations but with plenty of fascinating details to keep it on a personal, human level. By the end of the school year, students will know and be challenged to understand how the major events and people of the past have shaped our world today.

AP World History

1 Credit

The AP World History course provides a comprehensive survey of World History from Early Civilizations to Present Day. The course is structured in the format of a traditional full year college survey course and seeks the development of thinking skills using the processes and tools that historians employ to create historical narrative. Students will be required to think on many different geographical and temporal scales to compare historical events over vast time periods. The course is structured around the investigation of five historical themes woven into nineteen key concepts covering six distinct chronological time periods.

This course will continue to deal with the facts—names, chronology, and events—related to world history, but it will also emphasize historical analysis. Students in this course are challenged to view history thematically and thereby discern patterns in human society across regions and over time. The AP World History course is organized around five overarching themes that serve as unifying threads throughout the course, helping students to relate what is particular about each time period or society into the “big picture” of world history. The themes also provide a way to organize comparisons while helping to analyze change and continuity over time.

Throughout the year, students will participate in activities, projects, and assessments in which they explore world history through the lens of these five historical themes. The course culminates with students completing the AP Exam in May.

Pre-requisite: World Geography

Additional Entrance Criteria: Semester grade of an A in current College Prep English class or semester grade of an A or B in current English Honors class.

Summer work required

United States History

1 Credit

The US History course provides a comprehensive survey of US history from the age of exploration to the present day. The course examines the various events, leading figures, issues, failures, achievements, beliefs, and lifestyles that have shaped the United States. The study also surveys the social, political, and economic development of the country through the examination of various primary and secondary source documents. The course further endeavors to continue preparation of students in understanding historical events from a Biblical worldview perspective. Students will explore the noteworthy events and people that have influenced the development and progress of American society.

Pre-requisite: World Geography or AP Human Geography, World History or AP World History

AP United States History

1 Credit

This college level course will develop student understanding of American history from 1491 to present day. Students will examine the historical concepts of US history as they consider the relevance of significant events, individuals, developments, and the processes from the nine historical periods studied in this course. They will apply the acquired thinking skills and methods used by historians as they analyze primary and secondary sources and make historical comparisons. Students will also employ chronological reasoning as they participate in the creating and supporting of historical argumentation. Seven themes will be considered that will help students connect the historical development represented in different times and places; American and national identity, migration and settlement, politics and power; work, exchange, and technology, America in the world, geography and the environment, and culture and society.

Pre-requisite: World History or AP World History

Summer work required

American Government

.5 Credit

This course is a comprehensive survey of United States Government. The course will progress topically, beginning with the origins of the US Constitution, then covering each branch of the federal government. The goals of this course are to increase understanding of the American political system, its framework, and traditions and values. This course is concerned with the nature of the American political system, its development over the past two hundred years, and how it continues to function into the twenty-first century. By the end of the semester students will know the workings and functionality of the federal government and will be able to understand the responsibilities and roles of US citizens through the perspective of a Biblical worldview.

Economics

.5 Credit

This course is a comprehensive survey of basic economic principles. The purpose of this course is to give students a broad understanding of the Biblical, personal, and fundamental principles of economics. This foundation should assist the students in understanding the economic issues around them and help to prepare them for further academic endeavors in economics. The study of Economics will help students become better decision makers and develop an economic way of thinking and problem solving. The understanding of economic principles will enable students to live their lives more intentionally as Christians, responsible citizens and effective participants in the global economy. The following topics will be covered; scarcity and factors of production, economic systems, supply and demand, price, market structure, circular flow of income and products, business and competition, money and banking, and national economic concerns such as productivity, unemployment, and inflation.

AP European History

1 Credit

This college level course will develop student understanding of European history from approximately 1450 to present day. Students will examine the historical concepts of European history as they consider the relevance of significant events, individuals, and historical developments over time. They will apply the acquired thinking skills and methods used by historians as they analyze primary and secondary sources and make historical comparisons. Students will also employ chronological reasoning as they participate in the creating and supporting of historical argumentation. Five themes will be considered that will help students connect the historical development represented in different times and places; interaction of Europe and the world, poverty and prosperity, objective knowledge and subjective visions, states and other institutional of powers, and individuals and society.

Pre-requisite: AP World History or AP US History

Summer work required

Psychology

1 Credit

This course provides an overview of the field of psychology. Students will survey psychological topics, principles, theories, methods of experimentation, and approaches in relation to the study of behavior and mental processes. The course will be taught interactively through a discussion and hands-on based approach. The following topics will be studied in this course; history, research methods, intro to biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, personality, psychological

testing, treatment of psychological disorders, and social psychology. They will also be exposed to the methods that psychologists use in their science and practice.

AP Psychology

1 Credit

This college level course is designed to introduce students to the field of psychology. The course is designed to introduce students to the systematic and scientific study of the behavioral and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles, and ideas associated with the major subfields within psychology. Students will study the following topics in this course; the history, research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, development, personality, abnormal psychology, testing, treatment of psychological disorders, and social psychology. They will also learn about the methods that psychologists use in their science and practice.

Pre-requisite: Biology or Anatomy and Physiology

Summer work required

Bible

Bible 9

1 Credit

The 9th grade Bible course is designed to provide student with a deeper desire to draw near to God and faithfully follow Him. The greatest goal of this Bible course is to help a student grow in his/her spiritual life. Throughout this course students will investigate the topic of worldview and how they are able to grow in the Lord despite the influences of the secular world and how the Scriptures can be applied on a daily basis. Students will study the following texts: The Case for Faith by Lee Strobel, Genesis and the Creation account, Not a Fan by Kyle Idleman, and portions of the books of I John and Philippians. The study of these books & passages will be discussion-based focusing on how they relate to life. Students will also discuss the importance of Christian service and will journal their spiritual growth throughout the year.

Bible 10

1 Credit

The 10th grade Bible course builds upon the goals to obtain a deep desire to pursue relationship with God and grow spiritually that were established in 9th grade Bible. Students will study the Ten Commandments and the Epistle of James. They will also read and discuss The Case for Christ by Lee Strobel and The Screwtape Letters by C.S. Lewis. Throughout this year students will participate in an overview of influential Christian thinkers, such as CS Lewis. The course will also investigate the major worldview shift called “the Enlightenment”, identify major beliefs of various world religions, as well as review the basic concepts of Biblical interpretation and applicable rules.

Bible 11

1 Credit

The 11th grade Bible course leads students through the beginning processes of basic Bible interpretation and personal application of scriptural principles, as well as a systematic exposure to the Biblical doctrine of Jesus Christ. Students will also examine contemporary events, philosophies and personalities in light of Biblical standards. They will investigate the Biblical books of Judges and the Gospel of John, emphasizing life-lessons in the Biblical text for contemporary times. This discussion-based class will incorporate the process of personal journaling and exposure to selected Christian authors. Students will read Mere Christianity by C.S. Lewis, selections from The Fight by John White, and the missionary account Peace Child by Don Richardson.

Bible 12

1 Credit

The 12th grade Bible course leads students to a greater competency in the processes of Bible interpretation and personal application of scriptural principles. Students will be exposed to detailed evidences for God’s existence as well as the veracity of scripture, and will investigate ways to meaningfully respond to inquiries and objections to Christianity in a manner consistent with scripture and Christian doctrine. Students will study and discuss the life of David in the books of I and II Samuel, and read selections from the book Exploring Apologetics. Through the video series “TRUE U” by Focus on the Family, students will study and discuss the many dimensions of a worldview that is based upon the truth of the Bible. The intention of this major emphasis of the course is to enable you to understand and accurately express that worldview. Each senior student will systematically examine and prepare material for presentation of his/her personal understanding of a Biblical worldview as it is taught/examined in this course. This verbal presentation will be given before a small panel of teachers and/or administrators.

World Language

French 1

1 Credit

This course will introduce students to French pronunciation and the simple grammatical structures which they will apply to the basic communication skills of speaking, reading, listening, and writing. Students will be exposed to the history and culture aspects of art, music, and literature from France, as well as other Francophone countries. This course will introduce students to beginning vocabulary to include greetings, introductions, family, friends, school, daily activities, food, traveling, and home life. Students will also memorize John 3:16 and participate in activities to expand their exposure to the language and the culture throughout the year.

French 2

1 Credit

French 2 builds upon the beginning language skills learned in French 1. More detailed grammatical structures are introduced. New vocabulary includes daily activities, life at home, clothing, music and entertainment, vacation and travel, and transportation. Various aspects of French culture, history, arts, and literature are also presented. Students will be expected to comprehend basic conversations, directions, and presentations in French. They will use French to express themselves in everyday conversations, to briefly discuss subjects of interest, and present a short presentation on a prepared topic demonstrating correct pronunciation and oral expression. Students will continue to develop their writing skills as they compose clear and understandable text in French using resources as necessary. Students will also memorize and recite various Bible verses in French, and participate in activities to further advance their language development.

French 3 Honors

1 Credit

French 3 Honors provides further and deeper investigation into the introductory courses of French 1 and French 2. Through immersion and explanatory videos, texts, exercises and activities, students will deepen their proficiency of French grammar and vocabulary on many different topics. Students will also apply this knowledge to life-like situations in writing, speaking and listening. Activities aim at recreating scenes from everyday life and providing keys to manage these situations in French. This course will also provide a deeper exposure and understanding of the French culture and the French people. Emphasis is laid on the understanding of others, their way of thinking and their life-style. Students will also demonstrate their proficiency of interpreting and producing language through written and spoken form through an interpersonal, interpretive, and presentational approach to language instruction. They will also memorize and recite various Bible verses in French, and participate in activities to deepen their appreciation and proficiency of the language.

French 4 Honors

1 Credit

French 4 is an immersion course designed to expand and strengthen the language skills learned in French 3. Students will increasingly use complex grammatical structures and vocabulary, and are expected to comprehend French in conversations and directions. They will be expected to use French to express themselves in conversations, discuss current events and subjects of interest, and make an extended presentation on a prepared topic. Emphasis will be placed on students demonstrating a mastery of correct French pronunciation and oral expression. Students will also be exposed to authentic sources and materials, both informational and literary, which they will interpret and analyze. They will also memorize and recite various Bible verses in French that proclaim the Gospel message, and participate in activities as they demonstrate mastery of the language.

Spanish 1

1 Credit

This level 1 language course is designed to introduce students to the structure of the Spanish language and the rich culture of the Spanish people. Students will develop their skills and basic understanding of the language through their study of thematic units prolific of vocabulary and grammatical instruction and practice at a Novice-Mid proficiency. Students will learn the present and preterit tenses along with other basic grammatical structures. They will participate in daily activities aimed to develop language production of the written and spoken language. Students will be expected to interpret and comprehend basic communications and conversations. Emphasis will be placed on introducing students to cultural aspects of Spanish culture in order for students to gain an appreciation for the people and language of both ancient and modern Hispanic countries.

Spanish 2

1 Credit

This level 2 language course will build upon and expand the introductory skills taught in Spanish 1. Students will extend their understanding of grammatical structures and gain working knowledge of the present, past, and future tenses. That is the end of line 1, all of line 2, and part of line 3 in the paragraph corresponding to Spanish-2 description. They will also increase their acquisition of thematic vocabulary through their expanded study of units. Students will be expected to interpret, comprehend, and produce language with greater ease at a Novice-Mid to Novice-High proficiency. They will learn to communicate through both written and spoken form as they participate in more in-depth conversations and in class guided writing activities. Additionally, students will be exposed to

authentic sources and materials in target language. Emphasis will be placed on further exposing students to Hispanic culture through the study of current events and the geography of Spanish speaking countries.

Spanish 3

1 Credit

This level 3 language course focuses on continuing to develop the skills taught in Spanish 2 with the goal of reaching a Novice-High proficiency. Students will build upon the tenses taught in Spanish 2 in all their variations and combinations through the subjunctive mood. They will use basic language structures and vocabulary with accuracy in order to express themselves in spoken and written form, as well as interpret language by either reading or listening to real life language samples. Emphasis will be placed on continuing to expose students to the study of the Hispanic culture and the events and geography that surround the Spanish speaking world.

Spanish 3 Honors

1 Credit

This level 3 honors language course is rigorous and challenging with the goal of providing students with the most recent research-based instructional strategies and materials promoting a stronger command aimed to reach a level that goes beyond a Novice-High proficiency of language. The students will have daily opportunities to demonstrate their developing proficiency and command of language, as they are simultaneously broadening their knowledge of the Spanish culture through the study of thematic units. Students will be exposed to more complex grammatical structures such as the subjunctive mood and multi-clause sentences.

Entrance Criteria: All A's and B's in Spanish 2 with Teacher Recommendation.

Spanish 4 Honors

1 Credit

This level 4 honors language course is a rigorous and challenging course taught mostly in Spanish, with the goal of providing the students with the most recent research-based instructional strategies and materials promoting a stronger command of the Spanish language for each student. The students will have daily opportunities to demonstrate their developing proficiency and command of language, as they are simultaneously broadening their knowledge of the Spanish culture through the thematic approach designed in the course e-text and learning management system. The course will enhance student acquisition in the three modes of communication (interpretive, interpersonal & presentational) from the intermediate to pre-advanced range.

Entrance Criteria: All A's in Spanish 3 or all A's and B's in Spanish 3 Honors with Teacher Recommendation.

Pre-requisite: Spanish 3 or Spanish 3 Honors

AP Spanish Language and Composition

1 Credit

This college level course is a rigorous course taught exclusively in Spanish, with the goal of promoting a strong command of language for the students and for the purpose of expanding their proficiency across the three modes of communication (Interpretive, Interpersonal & Representational) from intermediate to pre-advanced range. The course is divided into thematic units which are grounded in recommended contexts and guided by essential questions. The themes required by AP College Board will be integrated and developed within the units; global challenges, science and technology, contemporary life, personal and public identities, families and communities, and beauty and aesthetics. The units are integrated to include cultural elements and activities which are designed to incorporate the three modes of communication for the purpose of encouraging open dialogue and collaborative participation in the Spanish language. The mechanics of the language will also be integrated within the contextual and thematic framework of the course.

Entrance Criteria: All A's and B's in Spanish 4 Honors with Teacher Recommendation.

Pre-requisite: Spanish 4 Honors

Summer work is required

American Sign Language I

1 Credit

This introductory course is designed to develop the skills and knowledge needed to communicate in American Sign Language (ASL). In this course the student will establish a novice range of communication and foundation skills for ASL. This course emphasizes the cultural practices distinct to those that approach the world from a visual perspective (Deaf Culture). Topics include: historical events that have impacted the language and culture of the D/deaf community; the distinct cultural practices; and comparison of language features. They will use vocabulary in meaningful contexts to develop comprehension. Basic sentence structures will be taught, with plenty of review and practice to allow students to develop confidence in the rich world of the Deaf/Hard of Hearing.

Physical Education

HOPE

1 Credit

This course is a combination of Health and personal fitness, therefore students will receive classroom instruction as well as hands on physical activity. A wide array of topics will be covered from health and physical fitness to establishing and maintaining a fitness program. Students will study movement & coordination, cardiovascular & respiratory health, exercise & lifelong fitness, preventing injuries, and first aid.

Team Sports

This course will combine physical skill as well as the general knowledge that is relevant to each sport covered within the curriculum. Each unit will include but is not limited to sport specific knowledge, skills, modified and tournament games. The course will cover volleyball, basketball, badminton, speedball, football, and soccer. Students will study the fundamentals, rules, skills required, and strategies applicable to each sport.

1 Credit

Weight Training

This course will utilize a variety of training methods, techniques and programs to increase both muscular strength and endurance. Emphasis will be placed on appropriate exercises for each individual and safety procedures for each student. Students will gain an understanding of the basic principles of resistance training. They will also be introduced to dynamic stretching, plyometric, agility, speed training, and core strengthening.

1 Credit

Sports Medicine and Athletic Training

This semester elective course is designed for students interested in the career of athletic training. The course will provide an overview of athletic training, sports medicine, and its history. Students will be introduced to the evolving world of athletic training and various sports medicine professions. The course will include hands on application and will cover topics such as injury prevention, treatment, rehabilitation, basic taping & bandaging, and emergency injury management. The course will feature guest speakers, and shadow opportunities that will reinforce concepts taught.

.5 Credit

Yoga

This semester elective will introduce students to various forms of Yoga and Pilates. The course will focus on the flexibility aspect of health-related fitness and stress individual improvement. Students will be required to purchase their own yoga mat as well as PE uniform.

.5 Credit

Technology

Business Entrepreneurship

This course provides a thorough introduction to the steps and skills necessary to start a small business, including financial statements and a business plan. Through research and hands on activities students will learn new technology skills and improve existing technology skills as they follow the steps to create a mock small business. Students will also create a WordPress.com site and blog. They will use WordPress to create pages and posts, add images and videos, change a site's look and feel, and include user-friendly features. They will use WordPress design themes to express their business' brand and learn the technical elements of WordPress, such as how to organize a blog or website, create appealing content, and achieve better positions on search engine results pages. Students will also be introduced to Python 3 Programming. Students will create basic programming structures including decisions and loops. Students will create Python programs with graphic elements and graphical user interface (GUI) objects like buttons and labels.

1 Credit

Digital Design

In this course students will learn the essential skills to use Adobe InDesign, Photoshop, and Illustrator. Using InDesign, students will learn to design and create professional-quality letterhead, business cards, brochures, forms, and explore the best ways to create different types of material. Students will learn to reuse items such as colors and artwork, and how to produce publications for different page sizes and devices. Using Photoshop, students will master techniques to edit and enhance digital images. Using Illustrator students will learn to apply and work with color, create shading effects and painterly brushstrokes, and add special effects such as 3D to drawings.

1 Credit

Journalism/Yearbook

This course provides students with a marketable experience in print media. Students will perform all elements of the publication process in order to produce the Cambridge Christian School's yearbook. They will master the web-based publication design software and study various aspects of journalism, such as design rules and layout techniques, writing and editing, interviewing, story research, and creating interesting, accurate photo captions. The basic rules in setting up/taking group, candid, and action photographs will be introduced. As students gather and analyze information, interview individuals, and take notes, students will be required to utilize various language arts skills and develop both critical thinking and interpersonal skills. Time management and the business concepts of marketing, sales, and ads will come into play as students also assist in ensuring the year's publishing contract is covered. The students become a cohesive team working together to meet deadlines.

1 Credit

Application required

STEM

AP Computer Science

1 Credit

This course, like other advanced placement classes, is the equivalent to a college-level introductory course of the same topic. Students will develop problem-solving skills, understand the importance of object-oriented programming, and learn how computers 'think'. By the end of the class, students will be able to read and write basic programs in Java, design and implement computer programs in general, and debug programs by finding and fixing errors.

Summer work required

Computer Aided Drafting Design 1

.5 Credit

This course provides the instruction of 2D and 3D AutoCAD drawing and management tools commonly used in engineering, architectural design, drafting, and modeling. Drawing skills in the engineering and construction industries will be emphasized. Students will gain a solid foundation in the software application of AutoCAD, Revit, Autodesk Inventor and 3D Studio Max. Students will also acquire situational-specific skills and identify areas that may need to be developed further. Students receive feedback and evaluation of their performance and gain valuable experience. Students are encouraged to pursue certification using one of the Autodesk software tools.

Computer Aided Drafting Design 2

.5 Credit

This course is a continuation of CADD I. The primary focus will be on learning advanced concepts of the current CADD program and how they apply to mechanical and other engineering design principles and applications. Concentrated efforts will be made to stress learning CAD commands and the importance of accuracy and clarity towards basic drawing solutions. Also, the course is structured around maintaining a project-based focus as well as introduces other CADD tools used to aid the design process.

CompTIA 1

.5 Credit

CompTIA's A+ certification is the industry standard for validating the foundational skills needed by today's computer support technicians. In this courses, students will gain the knowledge of basic computer hardware and operating systems. They will cover the essential principles of installing, building, upgrading, repairing, configuring, and troubleshooting computer hardware. Student will also apply principles to optimize and carry out preventative maintenance on desktop and laptop computers.

CompTIA 2

.5 Credit

This course is a continuation of CompTIA 1 and is designed to help students achieve the necessary skills necessary to take and pass the A+ Computer certification test. Through simulations and hands on-working with computers, the students get detailed knowledge of hardware and software systems, peripherals, networking platforms, cloud-based storage, and mobile devices. They will also learn elements of customer service and communication skills necessary to work with clients. By the end of this course students will be fully prepared for the CompTIA A+ certification exam.

Engineering Principles 1

.5 Credit

This semester foundation course in engineering exposes students to some of the major concepts they will encounter in a professional engineering course of study. Students will employ critical thinking, creativity, innovation, and engineering concepts in the solution of engineering problems. The course follows a hands-on, real world problem-solving approach to learning, engaging the students on multiple levels and exposing them to areas of study they might not otherwise pursue. They discover the answers to questions like how things are made and what creative processes are involved in design and manufacturing of new products? Students have an opportunity to investigate engineering and high-tech careers and to supply their knowledge of research and design to create solutions to various challenges. Some of the engineering topics covered include mechanical systems, work and energy, statics, materials, and kinematics. Students will apply the design process, acquire strong teamwork and communication proficiency while developing organizational, critical-thinking and problem-solving skills. Students learn to document their work and communicate their solutions to their peers and members of the professional community. Engineering Principles I is intended to serve as the first of two foundation courses in the engineering STEM pathway.

Engineering Principles 2

.5 Credit

This course expands the principles of mechanical and digital systems taught in Engineering Principles 1. It employs instructional technology in the classroom as a basis for learning about engineering systems. The course is project based and specialized in mechanical and digital systems.

Foundations of Robotics

1 Credit

In this course, students will learn the basics of building and programming robots to operate autonomously. Students will design and build robots to perform specific tasks, and program them to accomplish those tasks as efficiently as possible. Practical applications like competition and commercial robots will be a major focus. By the end of this course, students will understand the ‘thinking’ process of robots and goal-oriented design.

Space and Technology Engineering

1 Credit

Space Engineering and Technology is a course designed for the high school student who may be interested in pursuing a career in Aerospace or related engineering discipline. Students will be introduced to the roles and functions of the aerospace engineer. The topics covered in the course include the history of flight, fundamentals of aerodynamics, space, human exploration, and space missions. This course focuses on exploring new and emerging technologies used to explore and inhabit outer space. It uses projects designed to actively engage in the engineering of spacecraft that allow us to “get there” while at the same time considering technologies that “keep us there” with the focus being on how humans will ultimately live on another planet. Students will learn and apply the basic mathematical principles employed in aircraft design by direct application or simulation.

Visual Fine Arts

Foundations of Art

1 Credit

At the high school level, Foundations in Art is designed to be an opportunity for students to experience a wide variety of media and demonstrate an understanding of various art techniques and skills. Students will also develop and appreciation for and a broadened knowledge of various cultures, traditions and artistic periods and styles. The students will learn to create visual representations of artworks using techniques, materials and/or styles used by renowned artists; learning both from examples and hands-on opportunities. They will also observe and identify and implement the element & principles of art, various art media, methods and techniques. Students will be expected to produce a variety of 2D and 3D works of art; mark-making, drawing, painting, design, relief and sculpture in the round.

Advanced Art

1 Credit

At the high school level, Advanced Art is designed to be an opportunity for students to expand their skills and methodology in the creation of artworks. They will continue to explore a wide variety of media and begin to develop a more personalized approach to art techniques and skills while employing the elements of art and principles of design. Artworks will be expected to begin to show a growing understanding of how to exploit these parameters to create quality artworks. Students will also continue to broaden their knowledge and appreciation for art from various cultures, traditions, and artistic period. Students will also be exposed to contemporary artistic methods and styles. The students will strengthen their ability to make inferences and their application from artworks to begin to develop and transition their work toward unique interpretations through studying examples and hands-on opportunities. They will also analyze art styles and techniques as methods to both emulate and “spring-board” from in the making of their own art.

Pre-requisite: Foundations of Art

Mandatory: Attendance to a required presentation at the end of this school year. Students will be required to create photography of their own over the summer as reference/subject matter for their artworks.

AP Studio Art – Part 1 and Part 2

1 Credit per course

High school students entering into AP Studio Art must be willing to accept the challenge of a rigorous academic curriculum. AP Studio Art is for highly motivated students who are seriously interested in the study of art; the program demands significant commitment to the process and completion of each project both during and outside of school hours. AP Art Studio Art is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam. Students must submit portfolios for evaluation to the College Board toward the end of the school year. The student must be prepared to create not less than 20 pieces of art demonstrating breadth (range of approaches), quality (selected works) and concentration (sustained investigation). AP Studio Art sets a national standard of performance in the visual arts and students may submit a portfolio in one of 3 areas.

Pre-requisite for Part 2: AP Studio Art Part 1

Summer work required

Mandatory: Attendance to a required presentation at the end of this school year. Students will be required to create photography of their own over the summer as reference/subject matter for their artworks.

Performing Fine Arts – Instrumental

Band

1 Credit

This is a course for students with previous concert band instrument experience. Students will participate in both Pep Band and Concert Band. Students develop instrumental technique through scale studies, technique drills, and warm ups. A variety of genres and styles will be prepared throughout the year for performances, to teach music history and theory, and to reinforce instrumental technique. Students are encouraged to participate instrumental activities outside of class such as private lessons, local youth bands/orchestras, summer band camps, and competitions such as FBA District 7 Solo & Ensemble. Band members are required to participate in all scheduled performances. The band performs at all home football games, Performing Arts Showcase, Christmas Concert, Spring Concert, Disney Performing Arts On Stage, and a variety of other performance opportunities.

Music Theory

1 Credit

This is a course for students who desire to enrich their musical abilities through the study of music theory and practice of aural theory. Students will be introduced to and expected to master rhythmic and tonal dictations, musical notation, musical terminology, modes, and harmonic styles. Students will complete homework assignments, take quizzes, and written tests. Although this music class is hands-on in many ways, it is more of a traditional “pen and paper” class than your typical music class.

Guitar 1

.5 Credit

This semester course is for students with no previous training or experience with the guitar. Students will participate in a hands-on, group lesson style class. Tuning the guitar, basic guitar terminology, chord progressions and structure, strumming technique, rhythm studies, basic music theory, and barre chords are, among other topics, what the students will be introduced to and expected to master throughout the semester. Students participate in weekly skill assessments. Students are required to provide their own guitar. Only acoustic and classical guitars are acceptable. No electric or bass guitars.

Guitar 2

.5 Credit

This semester course is for students with basic guitar training and experience. Students will participate in a hands-on, group lesson style class. The main focus of the semester is reading guitar music in both tablature and treble clef notation. Rhythmic training, picking technique, ensemble and solo playing, transposing, 1st and 5th position scales, and basic music composition and recording are what the students will be introduced to and expected to master throughout the semester. Students participate in weekly skill assessments. Students are required to provide their own guitar. Only acoustic and classical guitars are acceptable. No electric or bass guitars.

Pre-requisite: Guitar 1

Praise Band & Chapel – Tech

.5 Credit

This course is for students who feel led to serve the student body in corporate worship each week in Chapel. Through the studying of God’s Word and rehearsal of praise and worship songs, students will prepare worship sets to perform in Chapel. Students who are leading worship are expected to be upstanding models in both word and deed among the student body.

Application Required

Performing Fine Arts – Choral

Lancer Chorus

1 Credit

This course will explore choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history. Students in Chorus are expected to participate in one evening concert each quarter as a major part of their grade. Participation in this chorus does not require audition.

Concert Chorus

1 Credit

This upper-level performance opportunity is offered to more experienced choral music students. Students will continue to develop vocal technique and musicianship as well as develop critical thinking skills through the analysis of musical elements, including form and text. Students are expected to participate in one evening concert each quarter as a major part of their grade as well as a few other performance opportunities that arise throughout the year.

Pre-requisite: Chorus Audition Required

Ensemble (Ovation)

1 Credit

Lancer Ensemble is a mixed ensemble that combines the movement of dance and singing to perform literature from various selected eras of musical history. Through this course, students will develop greater musicianship, proper use of breath support, phrasing, interpretation, postures, stage presence, and the other important musical disciplines. In this class students will study and perform vocal music spanning a variety of genres. Individual solo performances will be expected. Participation in one evening concert per quarter is required.

Pre-requisite: Concert Chorus

Audition Required

Musical Theatre

.5 Credit

This course is an exploration of American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. Since this is a workshop course, students will prepare material for class presentation and critique. There will also be a focus on the audition process as well as musical theatre history and repertoire. Finally, the class will participate in a culminating showcase at the end of the semester.

Performing Arts – Theatrical

Drama 1

1 Credit

This course will instruct students in stage movement, pantomime, improvisation, the characterization process, dramatic readings, scene preparation and audition techniques. Students will use observation, concentration, imagination, and memory “muscles” to initially develop their dramatic talent, and they will focus on using that talent to glorify God, their “audience of One”. Students will also apply what they have learned in the Fall Drama and the Spring Musical, and will perform, with direction, in class projects throughout the year.

Drama 2

1 Credit

This course will expand, apply and develop what students have learned in Drama 1. Emphasize the following skills: team ensemble work, in-depth character development, including motivation, behavior, and portrayal, monologues, storytelling, independent directing, basic costume, make-up and set development, and blocking design. Students will independently incorporate their “acting muscles” into these advanced skills to fully develop their dramatic talent, and use it to glorify God. Not only will students prioritize their participation in the Fall Drama and Spring Musical, but they will lead in-class production teams, and have the opportunity to perform in off-campus venues.

Pre-requisite: Drama 1