



Course Catalog

2022-23

Updated August 2022 (Courses offered vary by school year.)

Course Descriptions

ENGLISH

English 9 – Language Arts

(1.0)

This foundational class explores the power of language to communicate information, persuade others, move us with emotion, and communicate God’s word. It lays a foundation of vocabulary, close reading, note taking, annotation, analysis, synthesis, and writing in a variety of modes. Students finish this course with the skills needed to succeed in future Language Arts classes. Through a variety of activities, students develop a more profound appreciation of language and the ability to use it toward becoming a fulfilled individual, active citizen, and grateful Christian.

English 10 – Language Arts

(1.0)

This course builds upon the foundation built in English 9 - vocabulary, close reading, note taking, annotation, analysis, synthesis, and writing in a variety of modes - and engages students with deeper, more complex texts and more challenging writing. In the spring, students begin the study of rhetoric and finish this class with the skills needed to succeed in the upper-level American Literature or Advanced Placement English course.

English 11 – American Literature

(1.0)

American Literature introduces the writings of American authors from before the inception of our country, to modern times. This course seeks to answer the question, “What is meant by American?” by understanding how literature has reflected our culture and values back to us over the course of our comparatively short national history. This course is reading and writing intensive and covers selected works from the following authors: Miller, Emerson, Thoreau, Poe, Twain, Dickinson, Hughes, Frost, and Bradbury, among others. Group projects extend and enhance the themes that arise.

English 12 Capstone

(1.0)

This culminating English course is both reading and writing intensive with a required research paper, project, and presentation. Group projects extend and enhance the themes that arise from readings. First semester projects naturally flow into individual senior projects for those graduating from CCA.

AP English Language and Composition

(1.0)

The primary purpose of the A.P. English class is to “enable students to write effectively and confidently in their college courses across the curriculum and in their professional and personal lives” (College Board AP English Course Description). Additionally, the goal is to enable each student to perform well on the AP Language Test, using the critical reading and writing skills gained in this class to grow into an informed, empowered citizen and grateful Christian.

AP Literature and Composition

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work’s structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

FINE ARTS

Drawing (Beginning I, Intermediate II, Advanced III) (1.0)

These courses teach the basic elements of drawing by exploring a variety of mediums. Students learn the principles of art and are encouraged to explore mediums of their choice in depth as they move along. This exploration allows them to eventually identify their own artistic interests and hone their drawing skills. Advanced Drawing is student-directed, allowing participants to build up their own artistic portfolio. This class provides art history overview that includes lectures, readings, and quizzes.

Pottery (Beginning I, Intermediate II, Advanced III) (1.0)

Students learn hand-building techniques to create three-dimensional art from clay. They gain experience in wheel-throwing techniques, demonstrating the proper use of the basic techniques of trimming, glazing and decorating a finished work of ceramic art. Additionally, they participate in the study of clay art techniques through readings and written assignments. Students also join in the study of Art History through slide lectures, reading, and written assignments.

Graphic Art (Beginning I, Intermediate II, Advanced III) (1.0)

Students learn and utilize the principles of design through a variety of projects including font design, poster design, logo design, illustration and more. Using these principles, the class focus is on developing a real-world product, the CCA Yearbook, which is sold to members of the school community. Emphasis is on professional production, cost-effective implementation, marketing and writing.

Photography (1.0)

This course encourages students to become well rounded in the fundamentals of digital photography. Emphasis is on how the camera works, basic compositional skills, photographic lighting and the use of photo-editing software. Students receive basic instruction, demonstration, and view samples of desired outcomes. They shoot photographs both inside and outside to complete assignments. Instruction includes peer reviews of photographs shot by students, which they present to the class.

Concert Choir (1.0)

Students in the choir are exposed to a wide variety of music from the Baroque to the Modern Eras. Students are taught vocal technique, sight singing, rhythm, intonation, projection and enunciation. The emphasis of the choir is on service through performance. Members of the choir are expected to attend performances during the school day (school chapels, etc.) and performances outside of the school day: Sunday morning worship services, community events and formal concerts. This course may be repeated for credit.

Band (1.0)

This course welcomes all traditional musicians in the fields of winds and percussion. A core musical ability is gained through theory study and chamber ensembles. Emphasis is on growth in technical ability, practice skills, and service through performance. This course may be repeated for credit.

Contemporary Musicianship

(0.5)

Contemporary Musicianship provides opportunities for both experienced and unexperienced musicians to explore the world of music. Course units include music theory, instrumental practicum, songwriting, arranging, and song production. Contemporary instruments, including guitar, piano, and ukulele are the type of instruments used for this course.

FOREIGN LANGUAGE

Latin I, II, III, IV – Beginner through Advanced

Each (1.0)

These courses introduce the student to Latin, classical civilization, and the enduring influences of classical language and culture on the modern world. The textbook used is Hans Oerberg's *Lingua Latina per se Illustrata*, an artfully graded reader which leads the student from simple sentences which grow in complexity until the student is reading unaltered excerpts from the *Vulgate* and classical poetry. Students acquire vocabulary and grammar in context through a combination of induction and explicit practice while reading about Roman life, history, and mythology. Classroom discussion is conducted in a mixture of English and Latin; spoken Latin is used in the classroom to promote facility with the language. The restored classical pronunciation is given primary use; upper-level students also learn the ecclesiastical pronunciation for singing Latin hymns and chants. Every Latin student is encouraged to be an active member of the Junior Classical League and to participate in the National Latin Exam, National Mythology Exam, and other national contests. Latin is the foundational world language taught at CCA as we know that having experience with this language enhances understanding and comprehension of our own English language with its many Latin roots. While Latin I is required, we do make exceptions for those who wish to explore another language online after the first year.

MATH

Algebra 1

(1.0)

The focus of Algebra 1 is to learn to think logically, problem solve, and use critical thinking skills in real world situations. Algebraic skills are applied in a wide variety of problem-solving situations that are relevant to daily life. The key content involves writing, solving, and graphing linear equations, including systems of two linear equations in two unknowns. Data analysis in various forms is another important component of this curriculum. Use of computers and graphing calculators is incorporated throughout the course.

Geometry

(1.0)

Geometry introduces the study of points, segments, triangles, polygons, circles, and their associated relationships as a mathematical system. This course is designed to emphasize the study of properties and applications of common geometric figures as they relate to abstract mathematical concepts, as well as real-world scenarios. Use of computers and graphing calculators is incorporated throughout the course.

Prerequisite: Algebra I

Algebra 2**(1.0)**

Algebra 2 is the culminating course in a sequence of three high school courses designed to ensure career and college readiness. This course is designed to build on algebraic and geometric concepts. It develops advanced algebra skills, such as analyzing and solving systems of equations, advanced polynomials, complex numbers and quadratics. Technology is used to introduce and expand upon Algebra 2 topics. Use of computers and graphing calculators is incorporated throughout the course.

Prerequisite: Algebra I and Geometry

Algebra II and Geometry may be taken concurrently with instructor approval.

Precalculus**(1.0)**

The purpose of this course is to introduce students to the skills and concepts that are essential for the study of calculus. The first semester of this advanced mathematics course contains information about the properties of the real and complex number systems, arithmetic and geometric sequences, and behaviors and transformations of graphs. The second semester of this advanced mathematics course addresses trigonometric functions. Students derive and apply trigonometric identities, study complex numbers in polar form, and perform operations on vectors in two dimensions. The graphing calculator is a primary tool in this class and curriculum is fully accessible online.

AP Calculus**(1.0)**

Calculus provides methods for the advanced analysis of functions. It is especially recommended for students considering careers in math, science, and engineering. Topics in the first semester include limits, the derivative, techniques of differentiation, related rates, and the analysis of functions. Topics in the second semester include optimization, Riemann sums, definite and indefinite integrals, differential equations, the calculus of transcendental functions, and L'Hôpital's Rule. Because calculus is an AP course, a high degree of motivation and self-discipline is expected of the student. Students enrolled in AP Calculus take the AP test in the spring for an additional fee.

Personal Finance**(0.5)**

The goal of Personal Finance is to help students become financially responsible members of society by understanding the impact of individual choices on occupational goals and future earnings potential. The course develops comprehension and skills in areas of money management, budgeting, establishment and attainment of financial goals, wise use of credit, savings, investments and consumer rights and responsibilities. Use of computers is incorporated throughout the course as a means of researching topics and maintaining financial records. Recommended for juniors/seniors.

OCCUPATIONAL SKILLS

AVL Production

(1.0)

This course explores the basics of professional audio, video, and lights production. Students learn how to shoot footage and edit, as well as create the best set for video intake. Our hands-on lab provides a number of experiences in all aspects of production, from video and stills, to editing live footage. Professional software and equipment provide a cutting-edge experience with impressive results.

PHYSICAL EDUCATION

Physical Education

(0.5)

Physical activity and participation are important for all students, regardless of their level of athletic skill or ability. Through various activities, such as walking, jogging, bowling, aerobics and yoga, students learn how to incorporate physical activity into their daily lives. In addition, the course seeks to develop students' understanding of the importance of a healthy lifestyle and maintaining physical fitness throughout their lives.

Health

(0.5)

The curriculum in this course is broad in nature and focuses on three main themes: Physical, Mental/Emotional, and Social Health. Units of study include basic body systems, physical activity and nutrition, achieving good mental health, stress management and skills for healthy relationships.

RELIGION

New Testament

(1.0)

The first semester of New Testament focuses on the Gospels and the life of Christ. Students learn the basic principles of Christ-like living, understand the significance of Christ's birth, life, death, and resurrection, and explore the miracles and parables in greater depth. The second semester of New Testament focuses on the lives of the early followers of Christ through the reading of Acts and the Epistles. Students also discuss the End Times as they read the book of Revelation.

Old Testament

(1.0)

Through the study of the Old Testament, students gain understanding of God's revelation of Himself through the gift of Scripture. Theological concepts are discussed in their historical context, allowing students to gain appreciation for these biblical truths. Through the study of the Old Testament, students gain understanding of God's revelation of Himself through the gift of Scripture. Theological concepts are discussed in their historical context, allowing students to gain appreciation for these biblical truths. Additionally, the course covers the poetry and worship books of the Old Testament as well as how God worked through the Prophets.

World Religions**(1.0)**

This course explores the various religions practiced in the world through the lens of a Christian worldview. The class covers each religion with respect to history, central teachings, and people significant to the teachings, paying special attention to how a Christian can respond with compassion to the views of those who express other religious beliefs.

Environmental Stewardship**(0.5)**

We are creatures created by God in a natural world filled with other creatures. This class explores relationships - our relationship to the created world and our relationship with God. It also explores responsibilities and seeks to answer the questions: How do these relationships determine our responsibilities? What experiences and ethical systems have influenced our understanding of these issues? Utilizing the Bible, texts, film, and discussion, this course searches for the Christian ethics of environmental stewardship.

Worship Arts**(1.0)**

This course presents an exploration of worship from a Biblical perspective, with the opportunity to creatively develop activities and events, which engage students in culturally relevant and meaningful worship. Music, media, and digital arts are utilized to enhance the opportunities for creative expression in worship.

Apologetics**(0.5)**

As students begin to look beyond Concordia Christian Academy, this class seeks to challenge them for the years ahead. With a clear understanding of Scripture and the history of the church, this class requires students to put their personal faith into action as they prepare to share it with the world. Discussions focusing on personal worldview, appreciation of perception, and science and technology as conversation starters make this a practical lab for open dialog.

Church History**(1.0)**

Church History is a year-long course in which students explore the founding, expansion, and evolution of the Christian Church. Beginning with the life and ministry of Jesus Christ, this class focuses on the theological and historical context of the Church through an examination of Scripture, the Church Fathers, and primary sources from outside historians. This class also follows the growth of Western Civilization as an introduction to a modern world influenced by Judaism and Christianity as well as Greek reason and the Enlightenment. This course may also satisfy a Social Studies credit.

SCIENCE

Biology

(1.0)

This course serves as an introductory overview of life science, examining the smallest components of cells to the larger interactions between organisms in their environment. Particular attention is paid to the human body and its form and function. Designed to accommodate a wide range of student abilities within a general high school biology class, the curriculum addresses student challenges with consistent support for reading and vocabulary, real-world relevance, scientific inquiry, and preparation for standardized testing.

Chemistry

(1.0)

Chemistry is the science of matter: what substances consist of, what properties substances have, and how substances combine and interact. A course in chemistry provides every student with practice in scientific thinking and problem solving and is especially recommended for any student considering a career in STEM or the medical field. This course uses the nationally recognized Modeling Instruction Program. Students form models of matter from observations in the lab and demonstrations; as students encounter a wider range of phenomena, they refine and expand their models to encompass more features. Chemistry is a lab science; a significant portion of the class is spent designing and conducting experiments, learning proper lab procedure, and communicating results in written and oral form.

Environmental Science

(1.0)

This course is based on the general study of the environment. Students learn the basic principles of ecology through a systematic examination of the earth, ecological interactions and the various biomes, which include laboratory work and a review of issues in our local communities. The course work is designed to focus students' skills and thinking in relation to science, technology, community action and governmental regulations. Students also conduct fieldwork on a regular basis.

Physics

(1.0)

Physics is the science of matter and energy. A course in physics is especially recommended for students considering STEM careers or for any student seeking to expand their skill in mathematics and scientific reasoning. This course uses the nationally recognized Modeling Instruction Program. The emphasis is on classical mechanics, with topics that include kinematics, Newton's Laws, the conservation laws of momentum and energy, and elementary rotational mechanics. Considerable practice is given to scientific communication in oral and written form, lab procedure, and problem solving. Students enrolled in physics should have completed Algebra II or be taking it concurrently.

SOCIAL STUDIES

Washington State History

(0.5)

This is a social studies class that focuses on the diverse geography and modern history of the Pacific Northwest, with an emphasis on the state of Washington. Areas of study include physical geography, Native American history, early exploration and settlement, Pacific Northwest economy, government structure, state constitution, and current events. This one semester course satisfies the state graduation requirement for Washington State History. Taken online through Red Comet, there is an additional fee for international students who wish to take the course.

United States History

(1.0)

This course is designed to help prepare students to be college and career ready, all while unlocking the exciting story of our nation's history. Students explore the enduring issues that continue to shape the nation's history and make learning personal as they connect to content through stories and activate their prior knowledge, personal experiences, and perspectives. They actively learn, investigate, and acquire key content knowledge through a variety of components both in print and digital format. Students demonstrate their understanding through a variety of authentic, formative and summative assessments.

Civics

(0.5)

This semester course is designed to explore the history of the United States federal government, as well as the current state of the government in America. The class focuses on the democratic principles that guide our government, including the Constitution, the three branches of government, civil rights and liberties, voters and voter behaviors, political parties, the role of mass media and public opinion in government. Students look at our political system to become better citizens with more understanding of our government system and how it works.

Modern World

(1.0)

Modern World History is a year-long course in which students examine the roots of contemporary history around the world. Beginning with the Enlightenment in Europe, this class focuses on the major turning points in history by allowing students to explore both primary and secondary documents detailing events like the French Revolution, Industrial Revolution, and World Wars. This class also connects events to current issues in a format that encourages discussion, debate, and reflection.

