

Course Offerings/Course Descriptions

NOTE: All classes are subject to availability. There are minimum and maximum enrollment requirements for each class.

English/Language Arts

English I 9th Grade

(ENG 100) (1 Credit)

Prerequisite: None

Utilizing both the textbook anthology and whole-class novels, the literature aspect English I is focused on World Literature. Students will be expected to read and analyze literature and respond to the reading both in writing and in class discussions. Students will study advanced grammar and syntax and apply those lessons through the production of six formal writing pieces in the genres of narrative, expository, persuasive, compare & contrast, literary analysis, and Biblical analysis. One of these pieces will include research and internal citations using the MLA format. Vocabulary instruction will be centered around Greek and Latin roots/prefixes/suffixes, and the application of those in order to problem solve unfamiliar words. All topics of study and discussion will require student evaluation based upon a Christian worldview.

English II 10th Grade

(ENG 200) (1 Credit)

Prerequisite: English I

Utilizing both the anthology and the novels, we will study World Literature. *Mirrors & Windows* is broken into 6 separate units of study: Fiction, Nonfiction, Poetry, Drama, Folk Literature, and Independent Reading. The novels are meant as a supplement to the class both to instill a love of reading and provide opportunities for research (through various papers and projects). Students will produce several writing samples in the areas of expository, narrative, and persuasive, and poetry. English II students will also create a group research report, in which they must research, organize, quote, paraphrase, and cite accordingly using MLA format. All topics of study and discussion will require student evaluation based upon a Christian worldview.

English III American Lit 11th Grade

(ENG 300) (1 Credit)

Prerequisite: English II

Utilizing both the anthology and the novels, we will study American Literature from its very beginning to present day. *Mirrors & Windows* provides an excellent overview of all the key periods throughout American history by highlighting the authors that contributed along the way. The novels are meant as a supplement to the class both to instill a love of reading and

provide opportunities for research (through various papers and projects). Students will produce several writing samples in the areas of expository, narrative, and persuasive, and poetry. English III students will also write a research report, in which they must research, organize, quote, paraphrase, and cite accordingly using MLA format. All topics of study and discussion will require student evaluation based upon a Christian worldview.

English III American Lit Honors 11th Grade

(ENG 300H) (1 Credit)

Prerequisite: English II, with an overall grade average of 95 or above in English II

English III Honors engages students in learning all the essential knowledge and skills of English III while providing greater depth. This enhanced curriculum builds the tools necessary to succeed in English IV Honors. Instructor approval is required to enroll in the Honors program.

English IV British Literature 12th Grade

(ENG 400) (1 Credit)

Prerequisite: English III

This class is a combination of British literature and composition. Students will complete a variety of papers to prepare for college-level writing as well as personal reflection. Literature elements and Biblical worldview and cultural influence analysis will be taught through selections of various British literature from the Anglo-Saxon Era through the Modern Era. Grammar and punctuation will be reinforced through writing and online programs. Vocabulary through Greek and Latin roots and affix curriculum and through literature selection.

English IV Composition/Brit Lit Honors 12th Grade Dual Credit through John Brown University

(ENG CLGEDC) (1 Credit)

Prerequisite: English III; see section on Dual Credit courses for Dual Credit Eligibility guidelines.

(JBU: EGL 1013)

This class is a combination of British literature and JBU dual credit composition. **Composition:** This course will hone students' writing skills in academic argument, while using rhetorical styles such as exposition, narration, argumentation, description, etc. Good arguments also pay attention to research, various perspectives, and audience. Argument is also used across the curriculum, not just in English class. Students will be asked to make and defend a claim in virtually all college courses. **Course Objectives** There are skills that students need to develop in this course that will help students in other classes throughout their college career and well after. Cultivating these competencies will make students a valuable employee, a

responsible citizen, and an informed and effective Christian witness wherever they go. It will help students articulate themselves as well on paper as they do in person and improve critical faculties and powers of observation. Upon successful completion of this course, students will be able to develop critical reading, writing, listening, and speaking skills; construct clear, cohesive, and logical arguments; effectively analyze and evaluate ideas, arguments, and diverse points of view; integrate personal faith with various social issues; learn to cite sources through paraphrase, summary, and quotation; employ appropriate rhetorical strategies in writing assignments. Brit Lit Honors: Literature elements and Biblical worldview and cultural influence analysis will be taught through selections of various British literature from the Anglo Saxon Era through the Modern Era. Grammar and punctuation will be reinforced through writing and online programs. Vocabulary through Greek and Latin roots and affix curriculum and through literature selection.

College Prep English (CPELA) 12th Grade
(ENG CPELA) (1 Credit)

Prerequisite: English III, English III (LL), or English III College Success

This course is designed in conjunction with Collin College to provide the students the skills needed to enter directly into credit-bearing English classes at Collin or other colleges. This is a performance-based course designed to develop students' critical reading and academic writing skills through extensive instruction emphasizing skills and techniques related to vocabulary, grammar, comprehension, literary elements, essay writing and critical analysis. *Successful completion of this course earns an English exemption for the Texas Success Initiative (TSI) at Collin College. This class is available to students enrolled in CCA's Learning Lab Program. All other students desiring to enroll in this course must present a written request to an academic principal and be approved prior to enrolling. This course may be substituted for senior level British Literature (ENG 400).*

English/Language Arts-Learning Lab 9th-11th Grade
(ENG 110, ENG 210, ENG 310) (1 Credit)

Learning Lab Language Arts classes at the HS level specialize in direct instruction in reading comprehension, writing, vocabulary development, spelling, and grammar in a small group setting. Students considering college-level coursework will be instructed in developing test-taking strategies in preparation for college entrance exams. The unique learning needs and learning style of each student is taken into consideration when choosing teaching techniques and creating learning expectations. Students enrolled in Learning Lab classes should not purchase curriculum from BNC or the published CCA curriculum list. *These classes are available only to students enrolled in CCA's Learning Lab Program and require prior approval from a Learning Lab instructor or CCA administrator.*

History

Economics 12th Grade
(HIS ECN) (.5 Credit)

Prerequisite: U.S. History

This course covers the basic concepts of economics as well as how they play out in everyday life. Students will develop an understanding of the decision-making processes involved in all levels of economics, from personal finance to macroeconomics. Students will also study the way in which economics and politics react to and affect one another in the United States, and will compare the free-market system of the United States with economic systems in other parts of the world.

Government 12th Grade
(HIS GOV) (.5 Credit)

Prerequisite: U.S. History

Students will examine the design and development of the United States government. The course will cover the original functioning of the government as well as the way in which the government has adapted to handle new situations over its history. Students will also discuss and consider the philosophical premises that underlay both the original design and the developmental changes that have taken place, and will think critically about those premises to develop their own political philosophy.

Economics Honors 12th Grade
(HIS ECNH) (.5 Credit)

Government Honors 12th Grade
(HIS GOVH) (.5 Credit)

Prerequisite: US History, with an overall grade average of 90 or above in US History (or 80 in US History Honors)

These semester long courses will focus on the interplay between worldview and political and economic policy. It will study major movements in political and economic philosophy using excerpts from the writings of major political thinkers, and then examine how these ideas have historically and currently influenced the actions of political and economic leaders. Students will be encouraged to think critically on a wide range of political and economic topics and to approach these topics from a wide range of viewpoints while always using a biblical worldview as the standard of comparison. Instructor approval is required to enroll in the Honors program. *The Honors level Government/Economics courses may be taken in lieu of regular Government/Economics.*

US History 11th Grade
(HIS USA) (1 Credit)

Prerequisite: World History with Geography II

This course will examine U.S. history in the 20th Century with a focus on the interaction of the United States with the world. Major events both inside the U.S. and globally will be examined to give students a clear picture of how the United States came

to occupy a central position in global politics. The course will encourage students to keep up with current events and interpret them through an historical context. Students will develop deeper critical thinking skills as well as research and writing skills as they learn to examine sources critically for reliability and bias.

US History Honors

11th Grade

(HIS USA) (1 Credit)

Prerequisite: World History w/Geography II, with an overall grade average of 90 or above in World History II

This course will examine U.S. history in the 20th Century. Major events both inside the U.S. and globally will be examined to give students a clear picture of how the United States came to occupy a central position in global politics. The course will take a multidisciplinary approach to an examination of U.S. international relations to guide students to understanding current events around the world in their historical context. Students will develop deeper critical thinking skills as well as research and writing skills as they learn to examine sources critically for reliability and bias. Instructor approval is required to enroll in the Honors program.

World History w/ Geography I

9th Grade

(HIS WOR) (1 Credit)

Prerequisite: None

This course will present a survey of Western Civilization from its foundations in ancient Greece up to the decline of European power during the World Wars. Students will study the progression of worldviews as they changed from the ancient to the modern world and how those worldviews affect our modern society. The course will focus on skills such as intellectual empathy and writing effectively about history. It will also examine the important role of geography in history.

World History w/ Geography II

10th Grade

(HIS WOR2) (1 Credit)

Prerequisite: World History I

This survey will continue to examine World History following the Enlightenment as movements like Nationalism and Liberalism developed and the wider world became more interconnected. Students will also analyze the rise of the United States as a world power, placing that rise in its proper global context. The course will build skills in critical thinking, analyzing sources, and writing effectively about history.

Mathematics

A TI-83 or TI-84 graphing calculator is required in all math courses. Students must have their own calculator for use in the classroom and at home.

Algebra I

9th Grade

(MAT AL1) (1 Credit)

Prerequisite: Pre-Algebra

Course coverage will include a review of symbols and expressions, along with the commutative, identity, associative, and distributive properties; integers and rational numbers; equations and formulas; inequalities, exponents, and polynomials; polynomials and factoring; graphs and linear equations; systems of equations; inequalities and absolute value; rational expressions and equations; radical expressions and equations; relations and functions; and quadratic equations.

Algebra II

11th-12th Grade

(MAT AL2) (1 Credit)

Prerequisite: Geometry

Algebra II extends the topics first seen in Algebra I and provides advanced skills in algebraic operations. Additionally, linear and quadratic functions and relations, exponential and logarithmic functions, graphing, and sequences and series will be explored. Successful completion of Algebra II is required for a student to be considered for Distinguished Level of Achievement.

Algebra 2 Honors

10th Grade

(MAT AL2H) (1 Credit)

Prerequisite: Algebra I, with an overall grade average of 80 or above in Geometry Honors

The Algebra 2 Honors class is for students who successfully completed Geometry Honors in 9th grade. Algebra II extends the topics first seen in Algebra I and provides advanced skills in algebraic operations. Additionally, linear and quadratic functions and relations, exponential and logarithmic functions, graphing, and sequences and series will be explored. Successful completion of Algebra II is required for a student to be considered for Distinguished Level of Achievement.

College Prep Math (CPMAT)

12th Grade

(MAT CSM) (1 Credit)

Prerequisite: Algebra II or Algebra II (LL)

This senior level math class was designed in conjunction with Collin College to help students improve their math performance in preparation for college level credit-bearing math. Topics include study of relations, functions, inequalities, algebraic expressions and equations. Individual student needs will be taken into consideration when preparing lessons. No textbook is required for this course, however, a fee for an online program (ALEKS) will be purchased by the school for each student enrolled and charged to the student. *Successful completion of this course earns a Math exemption for the Texas Success Initiative (TSI) at Collin College. This course is designed for students concurrently enrolled in CCA's Learning Lab Program and any student who does not qualify for dual credit math after taking the TSI.*

Geometry

10th Grade

(MAT GEO) (1 Credit)

Prerequisite: Algebra I

In the study of Geometry, students will learn geometric thinking and spatial reasoning. Geometric figures and their properties will be studied and applied to real world applications. The students will strengthen their algebraic thinking skills while learning to use the various tools of geometry. Throughout the course, logical thinking and problem-solving skills will be emphasized.

Geometry Honors 9th Grade

(MAT GEOH) (1 Credit)

Prerequisite: Algebra I Honors, with an overall grade average of 80 or above in Algebra I Honors

The Geometry Honors class is for students who successfully completed Algebra I in 8th grade. In this Geometry course, students will learn geometric thinking and spatial reasoning. Geometric figures and their properties will be studied and applied to real world applications. The students will strengthen their algebraic thinking skills while learning to use the various tools of geometry. Throughout the course, logical thinking and problem-solving skills will be emphasized. Instructor approval is required to enroll in this Honors course.

Math-Learning Lab 9th-11th Grade

(MAT AL1LL, MAT GEOLL, MAT AL2LL) (1 Credit)

Learning Lab Math classes specialize in differentiated instruction in mathematic concepts and computation. All curriculum, class and homework assignments are matched to each student's instructional level. Teaching techniques and learning expectations are individualized to address the unique learning needs and learning style of each student. Students enrolled in Learning Lab classes should not automatically purchase curriculum from MBS or the published CCA curriculum list; this will be determined after evaluation of needs. *These classes are available only to students enrolled in the Learning Lab and require prior approval from a Learning Lab instructor or CCA administrator.*

Dual Credit Math Courses

See section on Dual Credit courses for Dual Credit Eligibility guidelines.

Calculus I 11th-12th Grade

Dual Credit through Collin College

(MAT CLGC) (.5 Credit)

Prerequisite: CC MATH 2412; or equivalent, and an overall A/B grade average

(CC: MATH 2413) Limits and continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions, with an application to calculation of area. Graphing calculator required. Lab included.

Calculus II 11th-12th Grade

Dual Credit through Collin College

(MAT CLGC2) (.5 Credit)

Prerequisite: CC MATH 2413, and an overall A/B grade average (CC: MATH 2414) Differentiation and integration of transcendental functions; parametric equations and polar coordinates; techniques of integration; sequences and series; improper integrals. Graphing calculator required. Lab included.

Calculus III 11th-12th Grade

Dual Credit through Collin College

(MAT CLGC3) (.5 Credit)

Prerequisite: CC MATH 2414, and an overall A/B grade average (CC: MATH 2415) Advanced topics in calculus, including vectors and vector-valued functions, partial differentiation, Lagrange multipliers, multiple integrals, and Jacobians; application of the line integral, including Green's Theorem, the Divergence Theorem, and Stokes' Theorem. Graphing calculator required. Lab included.

College Algebra 11th-12th Grade

Dual Credit through Collin College

(MAT CLGA) (.5 Credit)

Prerequisite: Algebra II *or other advanced math*), (an overall A/B grade average, and meet TSI college-readiness standard for Mathematics; or equivalent (CC: MATH 1314) In-depth study and applications of polynomial, rational, radical, exponential, and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. Graphing calculator required. Lab required.

College Algebra 11th-12th Grade

Dual Credit through Colorado Christian University

(MAT CLGA1) (1 Credit)

Prerequisite: Algebra II *(or other advanced math)*, an overall A/B grade average, and meet TSI college-readiness standard for Mathematics; or equivalent (CCU: MATH 111) This class includes a brief review of intermediate algebra, the real and complex number systems, arithmetic operations with polynomials, special products and factoring, linear, fractional, and quadratic equations, inequalities, exponents, radicals, absolute values, functions and graphs, logarithmic and exponential functions, trigonometric functions and their graphs, systems of equations, and basic matrix algebra. This is a year-long course. Students who successfully complete this dual credit course will earn both high school (1 credit) and college credit.

Differential Equations 11th-12th Grade

Dual Credit through Collin College

(MAT CLGD) (.5 Credit)

Prerequisite: CC MATH 2414, an overall A/B grade average, and meet TSI college-readiness standard for Mathematics; or equivalent

(CC: MATH 2320) Ordinary differential equations, including linear equations, systems of equations, equations with variable coefficients, existence and uniqueness of solutions, series solutions, singular points, transform methods, and boundary value problems; application of differential equations to real-world problems. Graphing calculator required. Lab required.

Elem Statistical Methods 11th-12th Grade

Dual Credit through Collin College

(MAT CLGES) (.5 Credit)

Prerequisite: Algebra II (or other advanced math), an overall A/B grade average, and meet TSI college-readiness standard for Mathematics; or equivalent

(CC: MATH 1342) Collection, analysis, presentation, and interpretation of data and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals, and hypothesis testing. Use of appropriate technology is recommended. Graphing calculator required. Lab required.

Intro to Statistics 11th-12th Grade

Dual Credit through John Brown University

(MAT CLGST) (1 Credit)

Prerequisite: minimum ACT math score of 19, or minimum SAT math score of 510

(JBU: MTH 1003) This course is intended to give students an understanding of basic statistical concepts and to help them to become critical readers of quantitative information. It focuses on methods of collecting, organizing, analyzing, and interpreting data. Meets the Mathematics requirement of the Core Curriculum.

Plane Trigonometry 11th-12th Grade

Dual Credit through Collin College

(MAT CLGT) (.5 Credit)

Prerequisite: CC MATH 1314 or MATH 1414; or equivalent, and an overall A/B grade average

(CC: MATH 1316) In-depth study and applications of trigonometry including definitions, identities, inverse functions, solutions of equations, graphing, and solving triangles. Additional topics such as vectors, polar coordinates, and parametric equations may be included. Graphing calculator required.

Pre-Calculus 11th-12th Grade

Dual Credit through Collin College

(MAT CLGPC) (.5 Credit)

Prerequisite: CC MATH 1314 or the equivalent preparation, and an overall A/B grade average

(CC: MATH 2412) In-depth combined study of algebra, trigonometry, and other topics for calculus readiness. Graphing calculator required. Lab required.

Pre-Calculus 11th-12th Grade

Dual Credit through Colorado Christian University

(MAT CLGPC1) (1 Credit)

Prerequisite: College Algebra or Algebra II, an overall A/B grade average, and meet TSI college-readiness standard for Mathematics; or equivalent

(CCU: MAT 115) Topics in algebra include functions, domains, ranges, graphs, data scatter plots and curve fitting, solving equations and inequalities and systems of equations. Types of functions studied will include polynomials, rational, radical, exponential, and logarithmic and conics. Limits, derivatives, and area under the curve will be introduced. Topics in trigonometry include functions of acute angles, analytic trigonometry, fundamental trigonometric functions and identities, and parametric equations. Graphing calculators will be used, and applications will be emphasized. This is a year-long course. Students who successfully complete this dual credit course will earn both high school (1 credit) and college credit.

Science

Anatomy and Physiology

11th Grade

(SCI APH) (1 Credit)

Prerequisite: Biology

This course covers the basics of human anatomy and physiology including anatomical terminology, basic biochemistry, cells and tissues, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive systems. Also Introduced are common human disease processes. Students will learn how to apply the knowledge of the body in terms of healthcare.

Anatomy & Physiology Honors

11th Grade

(SCI APHH) (1 Credit)

Prerequisites: Biology, with an overall grade average of 90 or above in current science course

Anatomy and Physiology Honors engages students in learning all the essential knowledge and skills of Anatomy and Physiology while providing greater depth. Instructor approval is required to enroll in the Honors program.

Biology

9th Grade

(SCI BIO) (1 Credit)

Prerequisite: None

In this class, students will reinforce and master concepts in biology. The science of life study includes cell structure growth and development, cell function, photosynthesis, cellular respiration, genetics, DNA, RNA and the genome, the chemistry of life, and ecology. The learner will explore evolution, the fossil record, and speciation as part scientific theory, and part unconfirmed hypothesis. Students will learn taxonomy through the study of the kingdoms. Throughout the class, a biblical worldview that emphasizes the truth of creation and man's role as steward of the world will be taught.

Cell Biology

12th Grade

Dual Credit though John Brown University

(SCI CLGBIO) (1 Credit)

Prerequisites: Biology, IPC, or Chemistry; Anatomy & Physiology recommended. See section on Dual Credit courses for Dual Credit Eligibility guidelines.

(JBU: BIO 1124) Cell Biology is the study of life at the cellular, microscopic level. It is the first part of a normal collegiate two-semester survey through the biological sciences that begins with atoms and ends with studies on ecosystems and the environment. Throughout this course, you will learn how scientists do science, and then you will see how these methods have been applied throughout the centuries of research in biology. The intricacies of life will be explored, from the smallest of subatomic particles to the most complex pathways of cellular energy metabolism to the molecules, DNA, and genes that control the expression of our inherited traits. Our time in this course and our examination of these details will show how all of creation glorifies God.

Chemistry

10th Grade

(SCI CHM) (1 Credit)

Prerequisite: Biology and Algebra I (min. 85 grade) plus approval from Biology & Algebra teachers

The objective of this course is to facilitate the understanding of chemistry concepts for all students of all learning levels, allowing students to hone their investigative, critical, and deductive reasoning skills. The Chemistry class will take the student from understanding the properties and changes of matter to having the ability to break down and comprehend multiple reactions. Beginning with an introduction to chemistry, analyzing data, matter, atom structure, the mole, reactions, and states of matter. Within each unit real-world applications are discussed.

Integrated Physics and Chem (IPC)

10th Grade

(SCI IPC) (1 Credit)

Prerequisite: Biology

IPC is designed to introduce students to the basic concepts of both physics and chemistry. Students will conduct laboratory and field investigations, use scientific methods during investigation, and make informed decisions using critical thinking and scientific problem-solving. This course integrates the disciplines of physics and chemistry in the following topics: force, motion, energy, and matter. The IPC course may be taken in lieu of Chemistry.

Marine Science

12th Grade

(SCI MAR) (1 Credit)

Prerequisite: Biology, and IPC or Chemistry

Marine Science builds on the physical and life science concepts learned in previous courses and applies that knowledge to the exploration of the living and nonliving environments of bays and oceans. The first semester focuses on various aspects of oceanography including chemistry, plate tectonics, sediments,

ocean and atmospheric circulation, waves, tides, and coastal processes. The second semester will focus on marine biology: plankton, algae, plants, animals, marine ecosystems, and ecology. Marine Science is taught with an emphasis on the Christian perspective and responsibility to our Earth. Special emphasis will be given to creation, the flood, and ethical and social responsibilities of the believer to the Creator's creation.

Physics Honors **12th Grade**
(SCI PHYH) (1 Credit)

Prerequisite or Corequisite: Algebra II, with an overall grade average of 90 or above in current science course (or 80 in current Honors science)

In Physics, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills. This class is required for students who successfully completed Chemistry.

Fine Arts

Art I **9th Grade**
(FAR 100) (1 Credit)

Prerequisite: None

High school Art I is an art and design class that includes 3-dimensional art. Students will explore a broad range of techniques and approaches to art through collage, mixed media, drawing, painting, and sculpting. Development of technical skills and artistic vocabulary will include drawing techniques, color wheel theory and 3 dimensional designs. Sketchbooks will be used by each student to explore project ideas, reinforce lessons from class and to practice drawing from various subject matters. Also, research, art appreciation from a Biblical perspective, art history, and art in our community will be regularly integrated as part of this course. The emphasis on critiquing in this class will be on original ideas, composition, artistic process, and aesthetic value of finished work.

Art Appreciation **10th-12th Grade**
(FAR AAP) (.5 Credit)

Prerequisite: None. Students who successfully complete Art I are not eligible to take this course.

Art Appreciation is the knowledge and understanding of the universal and timeless qualities that identify all great art. This course includes a study of art history, different eras, movements, styles and techniques. It also includes an in-depth study of the elements and principles of art, color theory and

methods used in creative thought and processes. The format of this class will vary. It includes online presentations, activities and short creative writing assignments with an occasional outing to a museum and/or an art gallery to help students gain a deeper understanding of the way art expresses culture and worldview. This course will not be assigned a particular period during the school day; rather, students will work independently through their course work and meetings with the teacher will be scheduled at times convenient for student/teacher. More information regarding meeting times will be distributed by the teacher the first week of school. *This course is equivalent to Art I. Students who successfully complete this semester-long course will be eligible to enroll in advanced Art classes.*

Art II **10th-12th Grade**
(FAR 200) (1 Credit)

Prerequisite: Art I

High school Art II is an art and design class that includes sculpture relief. Students will explore a broad range of techniques and approaches to art through collage, mixed media, drawing, painting, and sculpture relief. Development of technical skills and artistic vocabulary will include drawing techniques, and color wheel theory, and will expand on the elements and principles of art begun in Art I. Sketchbooks will be used by each student to explore project ideas, reinforce lessons from class, and to practice drawing from various subject matters. Also, research, art appreciation from a Biblical perspective, art history, and art in our community will be regularly integrated as part of this course. The emphasis on critiquing in this class will be on original ideas, composition, artistic process, and aesthetic value of finished work.

Drumline **9th-12th Grade**
(FMU DRM) (.5 Credit/Fall semester only)

Prerequisite: None

Drumline requires an additional fee and meets outside of school hours during the Fall semester. This course is in addition to the 6 classes included in a student's schedule. Students in the drumline will study, practice, and perform a wide variety of percussion literature with emphasis on the continual development of technical facility, precision movement, and musical notation reading skills. Practices will begin during the summer. High School students will earn a .5 Fine Arts credit for participation and completion of the program. The drumline will perform for the high school football home games. For more information about joining the HS Drumline, contact the Praise & Worship Instructor. This course is graded on a Pass/Fail criteria and will not contribute to a student's cumulative grade average.

Graphic Arts/Yearbook I **10th-12th Grade**
(FAR GYB1) (1 Credit)

Graphic Arts/Yearbook II
(FAR GYB2) (1 Credit)

Graphic Arts/Yearbook III
(FAR GYB3) (1 Credit)

Prerequisite: FAR GYB1: Art I or Art Appreciation, or special permission from instructor; **FAR GYB2:** Graphic Arts/Yearbook I; **FAR GYB3:** Graphic Arts/Yearbook II.

In these courses, students will gain skills in the following areas: page design, advanced publishing techniques, copywriting, editing, and photography while producing a creative, innovative yearbook that records school memories and events. There is an emphasis on journalism skills in this class. Participants gain useful, real-world skills in time management, marketing, teamwork, and design principles. Students in these courses must have their own laptop computer capable of utilizing Adobe Creative Suite and uploading photos. The Adobe Creative Suite software will be supplied by CCA.

Indep. Study in Advanced Art 11th-12th Grade
(FAR IND) (.5 or 1 Credit)

Prerequisite: Art I and Art II

This advanced art course is designed for students who wish to explore art beyond Art I and Art II. With the teacher, students will establish goals for individual growth and exploration of their own interests and style in their study of the visual arts. The instructor and student will establish an expected number of projects/assignments and approximate due dates. Students will work at their own pace, choose their own subjects, and be responsible for monitoring their own progress in terms of meeting the goals and due dates. Students will also be responsible for creating a digital online portfolio. A review of their portfolio will take place at the end of each semester. Students must demonstrate a high level of individual expression, exceptional understanding of the core elements and principles of art, and a high degree of craftsmanship. Students will meet with the instructor regularly in the beginning and then on an as-needed basis. Meeting times will be established between the student and teacher, taking their schedules into consideration. Students will be responsible for procuring the necessary materials for their projects.

Indep. Study in Music I 9th-12th Grade
(FMU IND) (.5 Credit)

Prerequisite: None

Students enrolled in private music lessons through CCA will earn .5 credit following successful completion of 48 hours of instruction. Students will receive a P for “pass” on their transcript and will not contribute to a student’s cumulative grade average.

Introduction to Photoshop 10th-12th Grade
(PHO INT) (.5 Credit)

Prerequisite: Art I or Art Appreciation

Students will gain a working knowledge of Photoshop and develop their skills in creating, editing, and altering images through a basic understanding of the tool bar, layers, and the adjustments panel. This course will take a look at the basic yet powerful features of Photoshop that include photo-editing, creating vector images, type and web design. Students will discover the vast possibilities of traditional tools and develop an

understanding of sophisticated layering techniques and filters. Throughout this course they will learn the tools they need to be more efficient in their skills and to increase the flexibility and quality of their artwork. Students may be required to print out and/or mount some of the projects at teacher’s request. Students in this course must have their own laptop computer capable of utilizing Adobe Creative Suite and uploading images. The Adobe Creative Suite software will be supplied by CCA. This class is ideal for students who are new to Photoshop.

Advanced Photoshop 10th-12th Grade
(PHO ADV) (.5 Credit/Spring semester only)

Prerequisite: Intro to Photoshop

Photoshop 2 in a continuation of skills learned in Intro to Photoshop. Students may be required to print out and/or mount some of the projects at the teacher’s request. Students in this course must have their own laptop computer capable of utilizing Adobe Creative Suite and uploading images. The Adobe Creative Suite software will be supplied by CCA.

iPhone Photography 10th-12th Grade
(PHO IPP)(0.5 Credit, offered both Fall & Spring semesters)

Prerequisite: Art I or Art Appreciation.

In this semester-long project-based course, students will be introduced to some of the creative possibilities of iPhone photography. Starting with basic strategies that include composition, exposure, and lighting. This hybrid course will meet once a week where the teacher will introduce the concept for that week. Then, students will be required to submit photos on the other school days. Students must own an iPhone that is updated with the current iOS, bring it to class, and be able to go to different locations throughout the week to complete assignments. This course will cover how to take better photos by utilizing many of the iPhone features when taking portraits, landscapes, and architectural photos. It will also help students explore taking photos at night, long exposure photos and unique close ups.

Note: This elective meets after school (Period 8) each Wednesday.

Photography I 10th-12th Grade
(PHO 100) (0.5 Credit)

Prerequisite: Art I or Art Appreciation. If prerequisite not met, this course requires special permission from instructor.

This course uses the digital camera to build basic skills in students who have an interest in photography, but no prior experience. Using a combination of lecture, demonstration, and hands-on exercises, this course will explore the basic photographic techniques and artistic concerns involved in making photographs. These include camera handling, composition, effective use of light, file management, digital image manipulation and developing a photographic vision. Students entering the course must have a digital camera with

aperture priority, shutter priority, and exposure compensation. Students are also responsible for all digital storage media and may be required to print out and/or mount some of the projects at the teacher's request. A laptop is recommended (not required) for students who wish to further edit photos as these students will receive a copy of Photoshop. The course will lightly touch image manipulation through advanced file types.

Praise and Worship I **9th-12th Grade**
(FPW 100) (1 Credit)

Praise and Worship II
(FPW 200) (1 Credit)

Prerequisite: FPW 200: Praise & Worship I

These classes are an introduction to music Production and Performance of the individual and collaboration of a group. Students will engage in a study of worship, style, music fundamentals, creative process, sound production, and rehearsal techniques. Students taking these courses will be responsible for planning and leading the music for Higher Ground and select school functions and therefore will be expected to exhibit a high level of personal discipleship. Students do not need to be musically gifted to participate. Rehearsals outside of school hours may be necessary as determined by the teacher. One fine arts credit per year will be earned for students meeting the participation and attendance requirements for the courses. Teacher recommendation is required for enrollment.

Praise and Worship III **11th-12th Grade**
(FPW 300) (1 Credit)

Praise and Worship IV
(FPW 400) (1 Credit)

Prerequisite: FPW 300: Praise & Worship II; FPW 400: Praise & Worship III

Praise and Worship III and IV are a continuation of Praise and Worship I and II. Students taking this course will be responsible for planning and leading the music for Higher Ground and select school functions and therefore will be expected to exhibit a high level of personal discipleship. Students do not need to be musically gifted to participate. Rehearsals outside of school hours may be necessary as determined by the teacher. One fine arts credit per year will be earned for students meeting the participation and attendance requirements for the courses. Teacher recommendation is required for enrollment.

Music Theory **11th-12th Grade**
(FMU THE) (1 Credit)

This course is designed to enhance musical skills and basic music fundamentals. The essential understanding of how music is constructed; aspects of melody, harmony, rhythm, and form are studied. Throughout the course of the year, students will study basic notation, scales, key signatures, intervals, triads, cadences, non-chord tones, part-writing and analysis of a score. Aural dictation and ear training are also an integral part of the course and will be taught throughout the year.

Foreign Language (LOTE)

Spanish I **9th Grade**
(FLS 100) (1 Credit)

Prerequisite: None

Students will build their Spanish skills in the areas of speaking, writing, reading, and listening. The class will utilize an eclectic methodology that will encourage participation and immersion in the Spanish language. Ultimately, the goal of the CCA Spanish program is to create students who are not only bilingual but bicultural. Included in the course goals is to develop and train the cerebral linguistic centers to improve overall learning potential, critical thinking skills, and cultural adaptability. It is the prayer and desire of the instructor that the learning of this Language will facilitate the promulgation of the Gospel to the Spanish-speaking nations.

Note: The curriculum includes an online component; it works best with non-MacBook devices.

Spanish II **9th-12th Grade**
(FLS 200) (1 Credit)

Prerequisite: Spanish I

Students will continue to build and perfect their Spanish skills in the areas of speaking, writing, reading, and listening. The class will utilize an eclectic methodology that will encourage participation and immersion in the Spanish language. Ultimately, the goal of the CCA Spanish program is to create students who are not only bilingual but bicultural. Included in the course goals is to develop and train the cerebral linguistic centers to improve overall learning potential, critical thinking skills, and cultural adaptability. It is the prayer and desire of the instructor that the learning of this language will facilitate the promulgation of the Gospel to the Spanish-speaking nations.

Note: The curriculum includes an online component; it works best with non-MacBook devices.

World Language Studies 1 **9th-12th Grade**
(FLW 100) (1 Credit)

World Language Studies 2
(FLW 200) (1 Credit)

Prerequisites: Prior approval from a CCA administrator

Classical World Languages is a course that will study the origins of our English language. This will include the study of affixes and roots primarily from Greek, Latin, Anglo-Saxon, and other Indo-European languages. The primary focus of these classes will be on etymology (the origin of words) and morphology (word patterns). As students study words and word families, they will gain mastery of the formula for word meanings. The ultimate goal of classical word study is to enhance reading and writing skills. The method of study will not be to simply memorize a list

of words, but to learn strategies to apply when encountering new words. These classes are a good option for students in grades 9-12 who struggle with foreign language memorization and recall. It is also a great choice for those wanting to expand their vocabulary, increase their ability to analyze and think critically about unfamiliar words, and become a better speller. With prior approval, these courses may be substituted for Foreign Language high school credits.

General Electives/Humanities

Creative Writing: Fiction

9th-12th Grade

(HUM CWF) (.5 Credit)

Prerequisite: None

This creative writing course will primarily focus on prose fiction writing. Students will evaluate the effectiveness of fiction of varying styles. They will learn the basics of developing a character, creating a relevant setting, manipulating plot devices, and tying these elements to a theme. Students will write short stories and/or short plays, engage in a “writer’s workshop” class structure to improve those pieces, and complete a final portfolio. Creative writing is a personal, aesthetic, experiential writing course in which students discover their own artistic voice and progressively inspire their own writing after published works in several genres. The true art of writing includes not only the process of journaling or generating, but also phases of reading, mentoring, experimenting/revising, and editing. All final pieces created for this class will reflect the writing process. The goal is to become a community of writers who experiment, craft, revise and tinker with our work. The course is conducted in a workshop format, providing a forum for discussion of published works as well as students’ own.

Creative Writing: Advanced

10th-12th Grade

(HUM CWADV) (.5 Credit)

Prerequisite: Creative Writing: Fiction

This course is an advanced Creative Writing class. Students will be expected to have mastered the teaching in Creative Writing: Fiction.

Entrepreneurship

10th-12th Grade

(HUM ENTR) (.5 credit)

Prerequisite: None

The Entrepreneurship course is designed to introduce students to the world of small business ownership and management. This course builds students' skills in the knowledge of types of business ownership, legal issues, business finance/start-up costs, business trends, site selection, marketing, pricing strategies and the development of a business plan on the students' product/service of choice. The students will develop and/or operate a mock business in which they will realistically perform duties in areas such as product planning, financing, human resources, marketing/advertising, selling, and management of product(s). This hands-on course involved

students in a variety of activities that will provide them with the skills necessary to be successful in a constantly changing workplace.

Introductory Psychology

11th-12th Grade

Dual Credit through John Brown University

(PSY CLG) (1 Credit)

See section on Dual Credit courses for Dual Credit Eligibility guidelines.

Prerequisite: Meet college entrance requirements for JBU, and an overall A/B grade average

(JBU: PSY 1013) This course will focus on the scientific study of human behavior and mental processes including the brain and behavior, consciousness, learning and memory, development, sociocultural processes, emotions, stress and health responses, psychopathology, and treatment methods in psychological science. Students are introduced to theory, research, and practice as the foundations of modern psychology. Students must meet the requirements for college entrance before enrolling in this course. There will be a separate tuition for this course that will be paid to JBU. This is a year-long course. Students who successfully complete this dual credit course will earn both high school (1 credit) and college credits.

Developmental Psychology 11th-12th Grade

Dual Credit through John Brown University

(PSY CLGDEV) (1 Credit)

See section on Dual Credit courses for Dual Credit Eligibility guidelines.

Prerequisite: Introductory Psychology or Teacher approval. Meet college entrance requirements for JBU, and an overall A/B grade average

(JBU: PSY 2413) This course will study the physical, cognitive, emotional, and social development of the human from conception to adulthood. There will be a separate tuition for this course that will be paid to JBU. This is a year-long course. Students who successfully complete this dual credit course will earn both high school (1 credit) and college credits.

Foundations in Personal Finance

10th-12th Grade

(BUS FPF)

Foundations in Personal Finance gives students the tools they need to navigate the financial world with wisdom. This course includes lessons focused on teaching students basic money principles like budgeting, saving, and spending. Students also learn important life topics ranging from college and career planning to taxes and investing and how to honor the Lord with their finances—content that makes a difference and will last a lifetime.

New Testament (Early)

9th-12th Grade

(HUM BIBN1) (.5 Credit/Fall semester)

(NOT OFFERED 2024-25)

New Testament (Late)

(HUM BIBN2) (.5 Credit/Spring semester)

(NOT OFFERED 2024-25)

Prerequisite: None

This course is an overview of the New Testament Scriptures including instruction on the basic theme and general content of every New Testament book, showing the relationship of books, placing them in historical and geographical context, and presenting the teachings of Christ and the apostles to the early church. An emphasis on critical thinking, sound hermeneutics, and spiritual application will help encourage the student to a deeper relationship with Christ and more effectiveness in transmitting the truth of the Gospel to others. The Fall semester will focus on the gospels and Acts, while the Spring semester will examine the epistles and the Revelation.

Old Testament (Early)

9th-12th Grade

(HUM BIBO1) (.5 Credit/Fall semester)

Old Testament (Late)

(HUM BIBO2) (.5 Credit/Spring)

Prerequisite: None

This course is an overview of the Old Testament scriptures focusing on the content of each of the Old Testament books, the historical events that give context to the books, and specific questions that help draw out the overarching principles contained in the Old Testament. Spiritual application and accompanying philosophical theology will help sharpen apologetic and critical thinking skills and aim the student toward a deeper relationship with God. The complete Old Testament course consists of two parts. The Fall semester will focus on the Pentateuch and the origins of Israel's life as a nation, while the Spring semester will survey Israel's national history up to the exile and return.

Sailing

10th-12th Grade

(ELE SAL)

(0.5 Credit) (offered both Fall & Spring semesters)

Prerequisite: None

This course has a classroom component as well as hands-on experiences with students commanding a sailboat on the water under the mentorship of an experienced captain. Classroom instruction will include boating vocabulary, safety, navigation, and the science of sailing. Some Saturday commitments are required. Due to the nature of this class students must be responsible and dependable. Students must also be able to swim. This class will be graded on a pass/fail basis and will not be included in a student's cumulative grade average. Seating is limited.

Speech and Debate

9th-12th Grade

(SPD 100) (.5 or 1 Credit)

Prerequisite: None

The goal of this course is to help students develop their abilities in public speaking and debate. The course will focus on skills such as researching, presenting arguments both orally and on paper, and interacting with others in a formal debate style. The first semester will begin with a focus on the basic skills of speech and debate, such as understanding logic and fallacies and different ways to present an argument. It will then focus on large-scale, formal debate. The second semester will focus on smaller-scale, one-on-one debate, as well as the rhetorical skills of public speaking. Students will develop these skills using both speeches written by others, and finally, by preparing and delivering a speech on a topic of their own choosing.

Physical Education/Athletics

*Athletics are offered outside school hours.

Athletic Trainer/Manager

9th-12th Grade

(PE ATR) (.5 Credit)

Athletic Videographer

(PE ATV) (.5 Credit)

(Fall, Winter, Spring sports seasons in lieu of other sports or Cheer)

Prerequisite: Prior approval by CCA Athletic Director

This class provides Athletics credit for serving in one of the following capacities: Athletic Trainer, Team Manager, or Team Videographer. Students will earn PE/Athletics credit for the class. Students will be assigned to a specific CCA athletic team and will support the team in one of several capacities. They will attend a mandatory training session prior to the start of the season and will report to the team coach at the beginning of the season. They will assist the team throughout the sports season in their chosen capacity and will learn how to be a valuable part of an athletic team in a supporting role. Students are required to attend all practices and sporting events during the season, so the course will require after-school hours and travel to sporting events. When the team is transported to events by the school, the trainer/manager/videographer will travel with the team. Attendance and participation at practices and sporting events is a requirement for credit. Equipment and training will be provided. A 1–2-day training session will be required for each position and will take place over the summer.

Trainers will learn how to tape body parts to help prevent injuries, or to provide support for minor injuries. They will also learn basic first aid and basic injury evaluation processes.

Team Managers will assist coaches with practice and game set up, break down, as well as other functions that support the team and help keep the Coach's attention and focus on the athletes.

Team Videographers will record all practices and games for their assigned team, upload video to our video hosting website, as well as create player and team video highlight films for recruitment and end of year banquets.

Teams eligible for these positions:

Varsity Volleyball

Varsity Football

Varsity Soccer

Varsity Boys Basketball

Varsity Girls Basketball

Varsity Baseball

CCA Athletics Program

9th-12th Grade

(.5 Credit per sport)

Prerequisite: None

The CCA Athletics Program currently includes the following sports:

FALL:

Football (AFB 100)

Volleyball (AVG 100)

Cross Country (ACC 100)

WINTER:

Archery (AAR 100)

Basketball (ABB 100, ABG 100)

Soccer (ASCB 100, ASCG 100)

Competitive Swimming (ACS 100)

SPRING:

Baseball (ABS 100)

Fencing (AFN 100)

Golf (AGO 100)

Tennis (ATN 100)

Track (AFT 100)

Softball (ASB 100)

Students who successfully complete a sport season will earn a one-half PE/Athletics credit. Participation in practices and games is a requirement for credit. Students who want to participate in more than one sport during a season are required to request approval by the Athletic Director. All students must complete an Athletics Registration during enrollment. If a student is interested in 2 sports in the same season, the student may indicate their choices in order of preference. If their first choice does not have enough participation for a team to make, the student will be placed in their second-choice sport if space is available. Some sports may have tryouts for placement on a Varsity or Junior Varsity (JV) team. Certain sports, such as Archery and Fencing, will have enrollment limits and registration for these teams will be on a first-come, first served basis. Each sport is subject to an athletic fee. If no sport is selected for a student during enrollment and the student requests to register for a sport at a later time, the student's participation will be subject to roster availability. See *CCA Athletics Program Policies for details*.

Cheer/Color Guard

9th-12th Grade

(CHEER CGRD) (.5 Credit) (Fall/Winter)

Prerequisite: None

This spirit team consists of cheerleaders and Color Guard team. The purpose of the team is to promote school spirit in a way that honors the Lord at all times. Students will learn the fundamentals of cheerleading and color guard techniques such as chants, motions, dance, jumps, kicks, voice projection, flag carrying, and beginning tumbling. Along with this learning, students will engage in a team devotional and personal discipleship. Students are expected to be positive role models for others and exhibit positive attitudes. Students will be expected to attend after-school practices and participate in all home football and basketball games and pep rallies. Students involved in fall and winter athletic teams are not eligible for this activity. CCA administrator and/or teacher approval is required. An activity fee is required for this team and includes the cost of uniforms. This course is graded on a Pass/Fail criterion and will not contribute to a student's cumulative grade average.