



# CONCORD

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## CHRISTIAN SCHOOL

### Graduation Requirements:

26.5 Credits

- |  |             |
|--|-------------|
| ● <b>English</b>   | 4 credits   |
| ● <b>Math:</b> Algebra I*, Algebra II, Geometry & one upper level math       | 4 credits   |
| ● <b>Bible:</b> (One credit for each year of CCS attendance)                 | 4 credits   |
| ● <b>Science:</b> Biology, Chemistry OR Physics & one additional lab science | 3 credits   |
| ● <b>Social Studies:</b> World History, Government, U.S. History             | 3 credits   |
| ● <b>PE:</b> PE/Wellness plus an additional .5 credit                        | 1.5 credits |
| ● <b>Personal Finance</b>  | .5 credit   |
| ● <b>Economics</b>   | .5 credit   |
| ● <b>Foreign Language:</b> 2 of the same language**                          | 2 credits   |
| ● <b>Fine Arts:</b>  | 1 credit    |
| ● <b>Electives</b>   | 3 credits   |

If Algebra I and Spanish I are taken in 8<sup>th</sup> grade there will be a PROFICIENCY TEST given at the end of the course in order to receive high school credit.

\*Credit earned in 8<sup>th</sup> grade for Algebra I will be listed on the student's transcript however that course will not be included in the 26.5 credits required for graduation, as TN requirements state that a student must be enrolled in a math course each school year. The numerical grade will not be included in the student's cumulative grade point average.

\*\*Credit earned in 8<sup>th</sup> grade for Spanish I will be listed on the student's transcript and WILL count towards the Foreign Language graduation requirement. The numerical grade will not be listed in the student's cumulative grade point average.

Bible classes are considered CORE classes, along with English, Math, Science and Social Studies.



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## CHRISTIAN SCHOOL

### TN Uniform Grading Policy

Concord Christian School has adjusted our grading policy, starting fall semester 2015, to be aligned with the TN State Board of Education's Uniform Grading Policy. We will have two transcripts, one with an unweighted GPA and one with a weighted GPA.

The unweighted GPA scale will be used to report student grades for eligibility of postsecondary financial assistance that is administered by TSAC (TN Student Assistance Corporation), which includes the TN HOPE Scholarship. Assigning additional quality points above 4.0 for honors courses, DE and AP courses are **not** allowed for the purpose of determining eligibility for the state lottery scholarships. However, courses will be weighted for Honors, Dual Enrollment and Advanced Placement by adding percentage points to the student's final semester grade.

Grade	Percentage Range	Honors	Dual Enrollment	Advanced Placement
A	93-100	The addition of 3	The addition of 4	The addition of 5
B	85-92	percentage points	percentage points	Percentage points
C	75-84	to the grades used	to the grades used	to the grades used
D	70-74	to calculate the	to calculate the	to calculate the
F	0-69	semester average	semester average	semester average

The weighted scale will be used for reporting to colleges and universities, unless they request an unweighted transcript. This weighted scale will include the addition of percentage points **PLUS** the addition of quality point above 4.0 for honors, DE and AP courses.

Grade	Percentage Range	Honors	Dual Enrollment and Advanced Placement
A=4.0	93-100	The addition of a .5	The addition of 1
B=3.0	85-92	quality point	quality point
C=2.0	75-84	to the semester GPA	to the semester GPA
D=1.0	70-74		
F= no points or credit	0-69		



# CONCORD

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## CHRISTIAN SCHOOL

### ADVANCED PLACEMENT (AP) POLICIES

#### What is an AP Program?

*With AP, students can take college-level course work in high school. When students take AP courses and exams, they demonstrate to college admission officers that they have sought out an educational experience that will prepare them for success in college and beyond.*

*Performing well on an AP Exam means more than just the successful completion of a course.*

*Most colleges and universities accept successful exam scores for credit, advanced placement, or both. And, research consistently shows that students who are successful in AP typically experience greater academic success in college than those who don't participate in AP.*

*Visit [www.collegeboard.org/apstudents](http://www.collegeboard.org/apstudents) for detailed information about the 38 AP courses and exams, including course and exam descriptions, sample free-response questions and scoring guidelines, study skills, exam tips, and more. (Bulletin for AP Students and Parents 2017-18)*

#### CCS Prerequisites for AP Courses

1. Students must have an overall GPA of 3.5.
2. Students must have scored an 88% or higher in the subject area the previous year.
3. Students must have a teacher recommendation from the previous teacher in the subject area of the AP class or from his/her previous English teacher.
4. Some AP teachers may require a summer project before taking the class to evaluate the readiness of that student to handle the rigor of an AP course.

#### CCS Expectations for AP Students

1. After the drop/add period, a student may not drop an AP course.
2. All AP students are required to take the AP Exam at the end of the year.
3. All AP fees will be paid in full at the beginning of the school year.
4. The AP student agrees to organize his/her time and effort to successfully complete the AP course. The AP student is expected to complete assignments, readings and projects outside of class time.

Any questions may be directed to the AP Coordinator, Linda Reedy ([lreedy@concordcs.org](mailto:lreedy@concordcs.org))



# CONCORD

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## CHRISTIAN SCHOOL

This **Course Description Catalog** is designed to help students make a 4-year plan of study. Each course offered is described in this catalog and each description includes prerequisites, credit value, and academic level: College Preparatory (CP), Honors (H), or Advanced Placement (AP).

Course offerings are dependent upon teacher availability and student interest. Students are placed in classes based on teacher recommendation, academic progress, demonstrated ability, and specific individual needs. Teachers recommend students to honors courses based on demonstrated performance and according to requirements specified in the course description. Self-motivation and time management skills are key to being successful in an honors level class. Students must meet all requirements and prerequisites for each course as indicated in the specific course description. Advanced Placement (AP): Advanced Placement courses are developed from the standards of the College Board to offer courses to qualified students who can complete college-level courses in high school.

## COURSE DESCRIPTIONS

### ENGLISH

Four credits are required for graduation

### PHILOSOPHY STATEMENT

Students are encouraged to become independent thinkers and to express themselves as individuals. They are encouraged to make personal connections telling how what we learn today is tied to what God wants them to do in the future. The student will expand vocabulary through word studies and literature, will cultivate a love for a variety of genres, will build skills identifying literary elements, will refine and improve their knowledge of grammar, and will utilize this knowledge in written and oral communication.

### **ENGLISH SECOND LANGUAGE (ESL)**

**CREDIT: 1**

**PREREQUISITE:** None

This course is designed for international students with intermediate English skills in grades 9-11. The curriculum will include English grammar and language usage, writing, literature studies, and vocabulary development, all of which will incorporate the development of the student's English speaking and listening skills. The students will complete a novel study each quarter, which includes literature analysis, writing responses, and vocabulary components. Students will also learn study skills and online research skills to prepare a presentation.

**ENGLISH I - PRINCIPLES OF GRAMMAR AND WRITING CP****CREDIT:1****PREREQUISITE:** 8th grade English

This class is for students who are functioning on grade level or above in language and reading. This course has an emphasis on writing. The curriculum includes a study of grammar and language, note-taking skills, research skills, composition skills, independent reading, and vocabulary. In addition to a variety of writing projects, students will discuss, analyze, and synthesize their summer reading selections. Independent reading is also an integral part of the year-long study.

**ENGLISH I - PRINCIPLES OF GRAMMAR AND WRITING HONORS****CREDIT:1**

**PREREQUISITE:** Score between 724 and 819 on the Scaled Score of the Terra Nova test in English; 88% grade average or higher in current English class; 88% or higher on his/her entrance exam (both grammar and essay portions); and teacher recommendation of student's work ethic.

This course is for students who are functioning above grade level in language and reading and have met the requirements (listed above). Course objectives include the following: to improve and strengthen their vocabulary; to have a command of grammar and use these skills when writing, to write well using complex sentences, phrases, and layers of adjectives and adverbs correctly; to provide opportunities for writing in different modes (such as essays and critiques) with an emphasis on the historical research, and to develop abilities to write thesis-based papers. Independent reading is also an integral part of the year-long study.

**ENGLISH II - PRINCIPLES OF LITERATURE CP****CREDIT:1****PREREQUISITE:** English 9 CP

This course is for students who have demonstrated an average or above-average ability to perform on grade level (in terms of language skills, analytical skills, composition skills, and reading skills). This course has a heavy emphasis on literature. The curriculum includes further development in literary analysis, vocabulary development, grammar, and composition. Students will read, discuss, analyze, and synthesize their summer reading selections, *Great Expectations*, *Othello*, and a non-fiction title of their own choosing.

**ENGLISH II - PRINCIPLES OF LITERATURE HONORS****CREDIT:1**

**PREREQUISITE:** English 9, 88% grade average or higher in current English class; score an 18 on the Pre-ACT Benchmark Range on the English section; and teacher recommendation of student's work ethic.

This course is for students who have demonstrated a mastery of grammar, writing and reading skills in English 9 CP. The curriculum is an in-depth study of critical thinking and major emphasis on written expression. Literary studies will include *Our Town*, *Great Expectations*, *My Antonia*, and *Othello*. Students will apply what they learn in literature to several independent reading assignments.

**ENGLISH III - AMERICAN LITERATURE CP****CREDIT:1****PREREQUISITE:** English 9 and 10

This course is for students who have successfully demonstrated an average or above-average ability to perform on grade-level language, analytical, composition and reading skills. The course focuses on American Literature that captures students' emotions and touches their lives while equipping them to be successful readers and writers. It includes further development in literary analysis, vocabulary development, composition, and research. Novel studies will include *The Great Gatsby*, *The Crucible*, *The Narrative of Frederick Douglass*, *Fahrenheit 451*, and *Don't Waste Your Life*.

**ENGLISH III - AMERICAN LITERATURE HONORS****CREDIT: 1****PREREQUISITE:** English 9, 10, 88% grade average or higher in current English class; score an 18 on the Pre-ACT Benchmark Range on the English section; and teacher recommendation of student's work ethic.

This course is for students who have successfully completed English 10 Honors or have demonstrated competency in composition and literary analysis skills. It includes further development in literary analysis, vocabulary development, composition and research. Students explore American literature from foundations in the 1800s to Contemporary writing. In-depth novel studies will include *The Great Gatsby*, *The Crucible*, *The Narrative of Frederick Douglass*, *Fahrenheit 451*, and *Don't Waste Your Life*.

**ENGLISH IV - CP BRITISH LITERATURE****CREDIT: 1****PREREQUISITE:** English 9, 10 and 11

This course is for students who have successfully demonstrated an average or above average ability to perform on grade level language, analytical, composition and reading skills. The curriculum includes further development of analytical, composition and research skills in preparation for college English. British Literature is highlighted; novel studies will include *Hamlet*, *Pilgrim's Progress*, *Pride and Prejudice*, *Jane Eyre*, and *Eagle of the Ninth*.

**AP LANGUAGE AND COMPOSITION****CREDIT: 1****PREREQUISITE:** English 9, 10, GPA 3.5 or higher, current year's English grade average of 88% or higher, and teacher recommendation of student's work ethic.

This course is open for juniors and seniors. An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. The course works to prepare students for collegiate standardized testing examinations through grammar, vocabulary, and test-taking units. This course prepares students for collegiate writing through developing proficiency in argumentative essays, synthesizing research essays, and literary analysis in the form of rhetorical analysis essays.

**DUAL ENROLLMENT ENGLISH 1010****CREDIT: 1**3 college credit hours with **Pellissippi State Community College****PREREQUISITE:** This course is only for SENIORS with an unweighted GPA of 3.0 and a minimum ACT Reading score of 19 and English score of 18. This is taught on the CCS campus.

This course is the study and practice of expository and persuasive writing. Topics include critical reading and writing essays, with emphasis on research, writing processes and effective formatting. This is a General Education course transferable within the TN Board of Regents.

**DUAL ENROLLMENT ENGLISH 1020****CREDIT: 1**3 college credit hours with **Pellissippi State Community College****PREREQUISITE:** This class is only for SENIORS with an unweighted GPA of 3.0 and an minimum ACT Reading score of 19 and English score of 18. Must have completed DE English 1010. This is taught on the CCS campus.

This course is analytic writing based on the study of literature; study and practice of research writing.

**MATH**

Four credits are required for graduation

**PHILOSOPHY STATEMENT**

Mathematics is taught from the viewpoint that God created patterns in nature and He designed all mathematics, with its structures and patterns, for the use of man. Mathematics is the tool with which we can begin to understand what God has done and make sense of our physical world.

**ALGEBRA I CP****CREDIT: 1****PREREQUISITE:** None

In this course students deepen their understanding of linear and quadratic expressions, equations, and functions while also broadening their exposure to include polynomial, rational, and exponential situations. Students will be encouraged to approach problems graphically, analytically, numerically, and contextually and will be taught to use technology appropriately—as an aid to rather than a replacement for algebraic thinking.

**ALGEBRA I HONORS****CREDIT: 1****PREREQUISITE:** Pre-algebra, 88% grade average or higher in current math course, and teacher recommendation of student's work ethic.

This honors course covers the standard content of a first year course in algebra but explores it to a greater depth and with a greater emphasis on seeing the structure of mathematics, reasoning through multiple approaches to problems, and interpreting results. Students considering this course should understand that the organization and detail of their work is as valued as the content of their thinking.

**GEOMETRY CP****CREDIT: 1****PREREQUISITE:** Algebra I

This course takes previously explored topics (points, lines, angles, triangles, polygons, circles, three-dimensional solids, and coordinate geometry) and explores them to greater detail through the lenses of transformation, construction, and proof. Tools such as logic, inductive, and deductive reasoning are developed as we explore similarity, congruence, and geometric modeling. Trigonometry is introduced and used to solve problems in context.

**GEOMETRY HONORS****CREDIT: 1****PREREQUISITE:** Algebra I, 88% grade average or higher in current math class, and teacher recommendation of student's work ethic.

This honors course covers the content of a standard geometry course but explores it to a greater depth and with a greater emphasis on reasoning mathematically and building mathematical proof. Students considering this level should excel at analysis, be willing to explore multiple solution methods, and be capable of complex algebraic manipulations as algebra will be imbedded within many of the geometric situations.

**ALGEBRA II CP****CREDIT: 1****PREREQUISITE:** Algebra I and Geometry

This course focuses on polynomial, rational, and exponential/logarithmic expressions, equations, and functions. It also introduces students to the complex number system, the unit circle, sequences/series, and foundational topics in the study of statistics. As in Algebra 1, students will be encouraged to approach problems graphically, analytically, numerically, and contextually and will be taught to use technology appropriately—as an aid to rather than a replacement for algebraic thinking.

**ALGEBRA II HONORS****CREDIT: 1****PREREQUISITE:** Algebra I and Geometry, 88% grade average or higher and teacher recommendation of student's work ethic.

This honors course covers the same content as a standard Algebra II course but explores it to a greater depth and with a greater emphasis on discovering and seeing the connectedness of mathematics. Justifying methods, exploring multiple approaches, and interpreting results are critical pieces to this level and students selecting this level should feel confident in their ability to display and/or discuss their work and thinking. Students should expect both calculator and non-calculator sections to tests.

**ADVANCED ALGEBRA & TRIGONOMETRY CP****CREDIT: 1****PREREQUISITE:** Algebra I, Geometry, Algebra II

This is an excellent course for strengthening mathematical understanding prior to the PreCalculus and Calculus series and for preparing Senior students to succeed in college algebra while still in the high school environment.

Students will strengthen their algebraic and geometric skills while refining their appreciation for the connectedness and application of mathematical topics. For example, whereas students studied lines in

Algebra 1, they will build upon their understanding of lines by exploring linear programming and linear regression/modeling in this course. (Linear programming looks at maximizing output in real-world scenarios and mathematical modeling is used to make predictions based on data.) Or, whereas students solved systems of equations in previous courses, students will examine the connectedness of those systems with matrix systems. Topics include: linear systems & matrices, quadratics, polynomials, rational & radical functions, exponential and logarithmic functions, and all topics traditionally found in a trigonometry course. Probability topics found on the ACT will also be addressed.

**PRE-CALCULUS CP**

**CREDIT: 1**

**PREREQUISITE:** Algebra I, Geometry, Algebra II

This course students will take an introductory level look at topics from pre-calculus including exponents, logarithms, functions and composition, complex numbers, and trigonometric functions. The goal of this course is to prepare students to select a full pre-calculus course at the college level.

**PRE-CALCULUS HONORS**

**CREDIT: 1**

**PREREQUISITE:** Honors Algebra II, 88% grade average or higher in current math class, and teacher recommendation of student's work ethic.

This course is designed for a Calculus-bound student. It builds upon the content of Algebra 2 and expands to include trigonometric identities, vectors, matrices, sequences, series, polar & parametric equations, and conic sections. Tests will have calculator and non-calculator sections and students will be expected to solve problems in graphical, analytical, and numerical ways. As in Honors Algebra 2, justifying methods, exploring multiple approaches, and interpreting results are critical pieces to this level and students selecting this level should feel confident in their ability to display and/or discuss their work and thinking.

**AP CALCULUS AB (I)**

**CREDIT: 1**

**PREREQUISITE:** Students must have an unweighted GPA of 3.5, an ACT Math score of 19, 88% grade average or higher in Honors Pre-Cal, and teacher recommendation of student's work ethic.

This course is based on the College Board syllabus. Units include: Limits and continuity, derivatives, applications of the derivative, the definite integral, differential equations, mathematical modeling, and applications of definite integrals. As in prior courses, development of topics builds on numerical, graphical, analytical, and verbal connections.

**DUAL ENROLLMENT ELEMENTARY PROBABILITY & STATISTICS**

**CREDIT: 1**

3 college credit hours with **Pellissippi State Community College**

**PREREQUISITE:** Students must have an unweighted GPA of 3.0 and a minimum ACT Math score of 19, English score of 18 and Reading score of 19. This is taught on the CCS campus.

Topics include elementary probability theory, concepts of descriptive statistics, discrete and continuous distributions, hypothesis testing, confidence intervals, sample sizes, correlation, regression, multi-nominal and contingency tables.

## **SOCIAL STUDIES**

Three credits are required for graduation

### **PHILOSOPHY STATEMENT**

History is the opportunity to show students a realistic view of government, geography and economics based upon the foundational truths of Scripture. The primary objective is for students to see that history is a study of what man has done with the time God has given. Students will be presented with a historical perspective that is both accurate and with a biblical worldview.

#### **WORLD HISTORY CP PREREQUISITE: None**

**CREDIT: 1**

This course will study the history of humankind with a more concentrated focus from the Age of Absolutism (c. 1650) to the present. Students will study the rise of the nation-state in Europe, the French Revolution, and the economic and political roots of the modern world. Students will examine the impact and consequences of the Industrial Revolution, political reform, and imperialism. They will explain the causes of the great military and economic events of the past century. They will utilize different methods that historians use to interpret the past, including point of view and historical context. Students will explore geographic influences on history.

#### **WORLD HISTORY HONORS**

**CREDIT: 1**

**PREREQUISITE:** 8<sup>th</sup> Grade language arts and social studies grade of 88% or higher and teacher recommendation of student's work ethic.

This course will study the history of humankind with a more concentrated focus from the Age of Absolutism (c. 1650) to the present. Students will study the rise of the nation-state in Europe, the French Revolution, and the economic and political roots of the modern world. Students will examine the impact and consequences of the Industrial Revolution, political reform, and imperialism. They will explain the causes of the great military and economic events of the past century. They will utilize different methods that historians use to interpret the past, including point of view and historical context. Students will explore geographic influences on history.

The Honors student will also have additional research projects to expand the student's level of understanding of world history.

#### **GOVERNMENT CP PREREQUISITE: None**

**CREDIT: 1**

This class presents an overview of local, state, and federal government structures, functions, processes and constitutional foundations. This also includes civic responsibilities, political parties, and election processes.

**GOVERNMENT AP/HONORS****CREDIT: 1**

**PREREQUISITE:** GPA 3.5 or higher, current year's social studies grade of 88% or higher and teacher recommendation of student's work ethic & completion of a summer project.

Regulated by the College Board, this course will give students an analytical perspective on government and politics in the United States. It will include both the study of general concepts used to interpret US government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute US government and politics. Topics to be covered include: the Constitutional underpinnings of US government, political behaviors and beliefs that form the foundation of the US political culture, political parties, interest groups, mass media, public policy, civil rights and civil liberties. **Honors credit (with the additional .5 quality point and +3 points to their numerical average) will be given to students who do NOT take the AP exam. They will take a Honors final.**

**UNITED STATES HISTORY CP****CREDIT: 1**

**PREREQUISITE:** None

This is a comprehensive study of US history from Reconstruction to the present. Students will examine the causes and consequences of America's growing role in world diplomatic relations. Students will study the important social, cultural, economic, and political changes in the twentieth century. Students will use skills for historical and geographical analysis as they examine American history. Students will read and use primary source documents to examine major events in American history. Throughout history there have been many examples set by mankind. Some of these prominent figures in history have followed God's standard while others have failed to do so. These examples will serve to demonstrate the truth of God in action and develop values and principles for living that will aid students throughout their personal life's history.

**UNITED STATES HISTORY and CULTURE CP****CREDIT:1**

**PREREQUISITE:** None

This course is designed for the first year international student who has not yet studied US History. The curriculum will cover the main events and important people in American history beginning with the landing of the Norse on the coast of Newfoundland and continuing through to the present. These main events and important people will be used as starting points for the analysis of American culture. Connections between modern American culture and US History will be constructed so the international student can more fully understand America and its people.

**UNITED STATES HISTORY AP/HONORS****CREDIT:1**

**PREREQUISITE:** GPA 3.5 or higher, current year's social studies grade of 88% or higher, teacher recommendation of student's work ethic and completion of a summer project.

Regulated by the College Board, the AP US History is a survey course covering American history from the Pre-Columbian period to the present. It is designed to move beyond mere recall to an understanding of historical chronology, topical concepts and themes, cause and effect, similarities and differences, major turning points, and significant issues and problems. In addition, students must be able to demonstrate their mastery of historical interpretation and express in writing their opinions and knowledge. They should also be able to integrate their learning sufficiently to construct a logical historical argument. The AP US History Exam tests skills that generally fall into three broad, overlapping categories: mastery and

application of factual knowledge, understanding and analysis of concepts, and a grasp of historical generalizations / ability to synthesize information. **Honors credit (with the additional .5 quality point and +3 points to their numerical average) will be given to students who do NOT take the AP exam. They will take a Honors final.**

### **AP HUMAN GEOGRAPHY**

**CREDIT:1**

**PREREQUISITE:** GPA 3.5 or higher, current year's social studies grade of 88% or higher, teacher recommendation of student's work ethic and completion of a summer project.

Regulated by the College Board, the AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio-economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. This is an **elective class for grades 10-12.**

### **ECONOMICS CP**

**CREDIT: .5**

**PREREQUISITE:** None

This course reviews the fundamental economic principles of our American manufacturing and marketing techniques and emphasizes how the consumer is affected and may become better informed.

### **PERSONAL FINANCE CP**

**CREDIT:**

**.5**

**PREREQUISITE:** None

Using the Personal Economic Model online program students will establish core principles endorsed by the financial advisory community, learn unwritten rules of successful financial management, build a secure foundation on assured financial truths, and apply understanding to crucial financial decision making.

### **DUAL ENROLLMENT HISTORY OF WESTERN CIVILIZATION I: HIS111**

**CREDIT: 1**

3 college credit hours with **Bryan College**

**PREREQUISITE:** Students must have an unweighted GPA of 3.0, **Seniors only**. This is taught on the CCS campus.

A survey course studying ancient and medieval Western civilization to 1660 with an emphasis on political, religious, and cultural history.

### **DUAL ENROLLMENT HISTORY OF WESTERN CIVILIZATION II: HIS112**

**CREDIT: 1**

3 college credit hours with **Bryan College**

Second semester

**PREREQUISITE:** Students must have an unweighted GPA of 3.0, **Seniors only**. This is taught on the CCS campus.

A survey course studying early modern and modern Western civilization from 1660 to the present, with an emphasis on political, religious, and cultural history.

## **SCIENCE**

Three credits are required for graduation

### **PHILOSOPHY STATEMENT**

CCS science courses focus on mastery, integration of science with math, history, and English, and seeing God's creative presence in the world. All classes are taught from a biblical worldview. CCS has adopted a Physics First sequence. Today's society relies on science and technology, consequently, more students need to learn more science. This is crucial for both future employment and good citizenship. A Physics First sequence leads the student from simple ideas to complex ideas, which is how the brain learns, preparing students for success academically, in the job market, and as ambassadors for Christ.

#### **PHYSICAL WORLD CONCEPTS CP**

**CREDIT:1**

**PREREQUISITE:** None

Physics is the study of the interactions of matter and energy. It explains how the world works, from sports to transportation to the motion of the planets around the Sun. Introductory Physics is a laboratory-based course for ninth graders that introduces students to the language of Physics as well as the motion of bodies. Students learn the laws of physics and experimental skills. Students will study concepts involving measurement, mechanics, waves and sound, magnetism, and momentum and energy. This course is designed for students who are at grade level in mathematics.

#### **PHYSICS HONORS**

**CREDIT:1**

**PREREQUISITE:** Math placement test, 88% average or higher in 8th grade math and science, teacher recommendation of student's work ethic

Honors Physics is Concord Christian School's foundation laboratory science course that emphasizes phenomena seen in everyday life. Students investigate physical phenomena and theoretical models that explore Newton's Laws of Motion, energy, heat, waves of sound and light, electromagnetism, atoms, and chemical reactions. Instruction will focus on developing a student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation. Designing and conducting experiments and communicating results from those investigations is the core of this course.

#### **BIOLOGY CP**

**CREDIT:1**

**PREREQUISITE:** Algebra I, Introductory Physics

Biology aims to describe and understand all living organisms in our surroundings as well as ourselves. This course is designed to introduce students to God's design in all living things. This is an inquiry-based college preparatory biology course. Topics include the nature of science, cellular biology, biochemistry, biotechnology, microbiology, genetics, evolution, ecology, invertebrates, vertebrates, and an overview of human anatomy and physiology. Emphasis is on written and oral communication, critical thinking skills, and lab experience.

**AP BIOLOGY/HONORS****CREDIT:1**

**PREREQUISITE:** Chemistry (or may take Chemistry concurrently), GPA of 3.5 or higher, 88% average or higher in previous science course, teacher recommendation of student's work ethic

Regulated by the College Board, this course and exam are organized around the underlying principles, theories and processes governing living organisms and biological systems, which include: evolution, cellular processes/energy and communication, genetics and information transfer and how biological systems interact. Students will experience science as a process and not just learn biology as a collection of facts. In addition it is critical that students connect new concepts with what they know, with each connection they help themselves build a solid framework of biological knowledge and scientific know-how. This framework will help prepare students for whatever God has called them to do. Students will be prepared to take the AP Biology Exam. **Honors credit (with the additional .5 quality point and +3 points to their numerical average) will be given to students who do NOT take the AP exam. They will take a Honors final.**

**CHEMISTRY CP****CREDIT:1**

**PREREQUISITE:** Algebra I, Geometry, Introductory Physics

This course focuses on the understanding of the fundamental nature of matter in all of its forms. There is a heavy focus on math and laboratory skills as the students begin to understand the complex interactions of chemicals. Topics covered include measurements, atomic structure, the periodic law, chemical bonding, chemical reactions, stoichiometry, properties of gases, liquids, and solids, solution chemistry, acids and bases, kinetics, and oxidation-reduction reactions.

**CHEMISTRY HONORS****CREDIT: 1**

**PREREQUISITE:** Physics, Algebra II (concurrent), 88% average or higher in current science class and teacher recommendation of student's work ethic.

This is a laboratory-based, advanced college preparatory chemistry course designed for students with an interest and ability in both mathematics and science. This course progresses at a more accelerated pace than General Chemistry and is designed for students who have a strong aptitude for science and math and have developed good study habits. There is a heavy focus on math and laboratory skills as the students begin to understand the complex interactions of chemicals. Topics covered include measurements, atomic structure, the periodic law, chemical bonding, chemical reactions, stoichiometry, properties of gases, liquids, and solids, solution chemistry, acids and bases, thermochemistry, kinetics, equilibrium, oxidation-reduction, and organic chemistry.

**ENVIRONMENTAL SCIENCE CP****CREDIT:1**

**PREREQUISITE:** Biology, Algebra I

This elective, laboratory-based, advanced college preparatory course focuses on human interaction with the environment. This course is designed to immerse students in the physical, biological, and earth system sciences that shape our environment. Topics include systems and models; ecology; energy flow; ecological structures; earth systems; and atmospheric, land, and water science, biogeochemical cycles, human populations, and how humans impact the environment. Students identify and analyze environmental problems, evaluate the risks associated with these problems, and examine solutions for

resolving or preventing them that allow them to be good stewards of God's Creation.

**ANATOMY AND PHYSIOLOGY CP**

**CREDIT:1**

**PREREQUISITE:** Biology, Chemistry, junior or senior standing, GPA of 3.0 or higher

This is an advanced, laboratory-based course designed for students who are interested in advanced science, nursing, pharmacy, or other medically related fields. Basic chemistry of the body, cells and tissues, and the 12 systems of the human body are studied. Significant time is spent learning scientific root words and medical terminology. Special emphasis is placed on mammalian dissection, with at least 25% of the course time being devoted to dissections. The knowledge and experience gained through in-depth laboratory work will aid the student in understanding God's design of the human body and in any future biological career.

**FORENSIC SCIENCE CP**

**CREDIT:1**

**PREREQUISITE:** Junior or senior standing, 2 previous science courses with C or higher

Forensics is an advanced, elective, college preparatory course that brings together topics students have studied in physics, chemistry, biology, mathematics, and logic. The course emphasizes hands-on learning and gives students an opportunity to develop reasoning skills. Following standard protocols, students will collect evidence, such as blood spatter patterns, fiber samples, and fingerprints, and analyze the data to solve crimes. In addition, students will hear from Christians working in law enforcement about ballistics and gun safety, drug abuse, lie detectors, and interrogation techniques. Because of the sensitive nature of the course material, students must be upperclassmen.

**BIBLE**

Four credits are required for graduation.

**PHILOSOPHY STATEMENT**

The Bible is taught from the viewpoint that God created all people in the world equal and that His plan is to seek and to save those who are lost. His purpose is a mission that will ultimately be accomplished by the power of God's Word and for the glory of God's name. This is the mission of the biblical God.

**NEW TESTAMENT I**

**CREDIT:1**

From the beginning of time God has been revealing Himself to mankind. That revelation took on human form in the person of Jesus Christ. The Old Testament scriptures tell the prophetic story of His coming and the Gospels of the New Testament share His life experiences. This course will study the life of Jesus to help students understand the practical life lessons that Jesus shared with his followers that are still life changing today.

**NEW TESTAMENT II**

**CREDIT:1**

This course will examine the New Testament from Acts-Revelation. The focus of the course will be the birth of the church and the ethics and teachings of the epistles. Students will have the

opportunity to actually read through the texts themselves and learn to observe, interpret, and apply the scriptures.

### **APOLOGETICS AND THEOLOGY**

**CREDIT:1**

This is an introductory course in philosophy and Christian apologetics, for juniors, which will introduce and examine issues of faith and reason and their impact on beliefs about man and God. Different ways to defend beliefs from a Christian perspective will be examined and some cultural analysis and its impact on beliefs will be included. Students will explore systematic theology in the spring semester.

### **SENIOR BIBLE**

**CREDIT:1**

The goal of this class is to prepare the student to be a witness and leader with direction from a faculty member, as they gain “real world” experience. Heeding the instruction of James 1:22 (“Be doers of the word...”), students will volunteer 35 + hours with an organization in order to enrich our community, learn the value of service and to be a light to our world. The class itself will also address various topics like ethics and biblical manhood/womanhood.

### **INTRODUCTION TO CHRISTIANITY**

**CREDIT: 1**

This class is recommended for students who are new to a Christian school setting and will cover the basics of Christianity. It will give an overview of God’s plan of grace for the world from creation to Christ and His church. The students will learn many of the basic Biblical stories from which they will get an understanding of theology, history, and God’s plan of salvation. This course will also cover some of the basic movements of God we have seen through the ages and how they impact His church today.

## **WORLD LANGUAGES**

Two credits in the same language are required for graduation

### **PHILOSOPHY STATEMENT**

The study of a world language and culture is designed to help the student understand more completely the diversity of God’s creation. Foreign language is the study of other people’s language, culture and religious beliefs. Through this study, the student is prepared to reach out to people in their community or overseas in a manner that is appropriate and not offensive to a different culture. The objective is for students to grow in their awareness of other people and languages and of the fact that God loves all people groups and desires for all people to know Him.

*NOTE:* All world languages are taught sequentially. Honors and CP levels must be determined upon entrance in the program due to the vast difference between the Honors and CP levels. Because language learning builds on previously mastered concepts, students should complete Level I with a grade of “C” or higher before enrolling in Level II. A Language Proficiency Test is required for transfer/new students entering the program at Level II or higher.

### **SPANISH I CP**

**CREDIT: 1**

**PREREQUISITE:** None

Spanish I CP is for the student who is interested in acquiring knowledge of the Spanish language and culture. Curriculum includes basic communicative skills in listening, speaking, reading and writing related to the study of the Spanish-speaking culture. Spanish I CP is recommended for any student in grades

10-11 who needs to meet college entrance requirements, and only recommended for 9th grade students who perform language arts skills and read at an above-grade level. Students may wish to defer fulfilling this requirement until 10th grade or later.

**SPANISH I HONORS**

**CREDIT: 1**

**PREREQUISITE:** Score between 724 and 819 on the Scaled Score of the TerraNova test in English; 88% grade average or higher in current English class, and teacher recommendation of student's work ethic.

Spanish I Honors is an in-depth study of the Spanish language and Hispanic culture. This fast-paced course builds a foundation in vocabulary and grammar and a strong emphasis is placed on the four language skills: listening, speaking, reading, and writing. Upon completion of this course, the student will have learned concepts equivalent to Spanish I CP and the first semester of Spanish II CP. This course is for the student who is motivated to move beyond basic skills in language learning.

**SPANISH II CP**

**CREDIT: 1**

**PREREQUISITE:** Completion of Spanish I with a grade of "C" or higher and teacher recommendation. A Language Proficiency Test is required for transfer/new students entering the program at Level II or higher.

Spanish II CP is for students interested in developing the skills learned in the first level. The curriculum includes a review of the basic skills acquired in level I and further develops these skills by adding more concepts of the language. Students who have successfully completed level I or who have successfully demonstrated proficiency as determined through a language proficiency test or through teacher recommendation are eligible to take this course.

**SPANISH II HONORS/SPANISH III CP**

**CREDIT: 1**

**PREREQUISITE:** 88% grade average or higher in current English and Spanish class and a teacher recommendation of student's work ethic. A Language Proficiency Test is required for transfer/new students entering the program at Level II or higher.

This course is for students who are motivated to move beyond the required standard level of language study. Curriculum builds on the foundation gained in Spanish I Honors, continuing to emphasize and develop the four language skills: listening, speaking, reading and writing. Upon the completion of this course, students test for mastery over concepts normally taught in Spanish II CP and Spanish III CP.

**SPANISH III HONORS**

**CREDIT: 1**

**PREREQUISITE:** 88% grade average or higher in current English and Spanish classes, and teacher recommendation of student's work ethic.

For students who are highly motivated to perfect their Spanish language skills. This course reviews all grammar concepts including advanced grammar. Application of listening, speaking, reading, and writing skills in the target language are used to analyze literature, cinema, culture, and history. This course is recommended for college-bound students who desire to test out of world language credits required by universities.

**LATIN I CP**

**CREDIT:1**

**PREREQUISITE:** None

Latin I focuses on learning the basics of Latin grammar, syntax, and vocabulary and relate them to English. Students will read simple materials in Latin, translate Bible verse from Latin to English, and write original Latin sentences. Students will develop an understanding of the foundations of western civilization and Christian traditions, based on Rome and its culture. Students will see the impact of mythology, architecture, law, and social and military customs from the Romans who lived millenia ago.

### **LATIN II CP**

**CREDIT: 1**

**PREREQUISITE:** Latin I

Students continue their study of Latin grammar, syntax, and vocabulary using repetition, parsing sentences, and written composition. Students will become more advanced readers of Latin and learn more complex grammar. Students will read longer, more advanced passages, including Bible passages. Latin II will continue to focus on Roman civilization and its lasting cultural impact on the Western world, including religious and philosophical beliefs, political systems, literature, art, and architecture.

## **ONLINE WORLD LANGUAGES**

These courses provide students with additional world languages that are not currently offered at CCS. The student must be a self-motivated sophomore, junior, or senior, with a 3.0 GPA or higher and good behavioral standing. Students may NOT drop a core course (Math, English, History, Science, and Bible) to add an online class. Students must be able to provide his/her own laptop, as required by the online providers.

The Guidance Counselor and the High School Principal will review each application to determine eligibility. Once the application has been approved, the student must register with one of the approved online schools. Students are expected to work on the class during school hours.

Families must pay enrollment fees. Upon completion with a C or higher, the student's online tuition will be reimbursed up to \$450. Families must be current in tuition and fees in order to be enrolled and reimbursed. After completion of the course, an official copy of the transcript must be received by the Guidance Counselor in order for the course to be listed on the student's CCS transcript and for reimbursement.

**If interested in this option please see Mrs. Dallery**

### **FINE ARTS**

1 credit required for graduation

### **PHILOSOPHY STATEMENT**

The Fine Arts are approached from the foundational belief that God is the Creator of all; therefore, all that was first created beautiful in nature and in man began with Him. All that we are able to create that is beautiful, pleasing, creative, unique, etc., is a reflection of God's character and displays the gifts and talents of which He alone is the source. The students are instructed to always give nothing less than

their best. Even if we are working in an area that we are not particularly gifted in, if it is done in a mediocre and apathetic fashion, this is pleasing to God.

**ART I**

**CREDIT: 1**

Open to grades 9-12. This one-year course introduces students to the Elements of Art and Principles of Design while developing drawing skills and painting techniques. Studio experiences in the classroom will give students opportunities to experience a variety of media (pencil, pen, ink, charcoal, pastel, watercolor, and paint) while developing student's individual style and creative problem solving skills. Students will demonstrate their ability to respond, to analyze and to interpret their own artwork and the work of others through discussions, critiques, and writings.

**ART II**

**CREDIT: 1**

**PREREQUISITE:** Art I

This is an intermediary art course. Further refinement of drawing and painting skills will be the primary focus, but various art making practices and new media may be introduced such as, colored pencil, mixed media, 3D, painting, and printmaking. Visual literacy and visual communication skills will be further developed. Historical and contemporary topics will be evident in student work and/ or through class discussion.

**ART III**

**CREDIT: 1**

**PREREQUISITE:** Art II

This is an advanced level course in drawing and painting with an emphasis on developing a greater depth of understanding in art and application of the Elements of Art and Principles of Design, to their work in a variety of media. Studio experiences include drawing, painting, illustration, printmaking and 3D projects. Each student will demonstrate progress over time by developing a body of work and organizing a portfolio.

**ADVANCED ART**

**CREDIT: 1**

**PREREQUISITE:** Art I, teacher recommendation and in the 12th grade

This course is designed for the serious art student who is considering studying art in college and advanced students who are interested in acquiring new skills and further developing their talents.

**MUSIC THEORY**

**CREDIT:1**

**PREREQUISITE:**

Music Theory is a class designed for the beginning to advanced musicians to more thoroughly understand the components of music and music composition. Students will also be able to compose music and understand the guidelines used in music composed by others. This course begins with music basics and goes through musical analysis and part writing, which is comparable to the first year of music theory courses in college. This will fulfill your Fine Arts credit.

**PHOTOGRAPHY**

**CREDIT: 1**

**PREREQUISITE:** None

Students will learn about photography through lectures supplemented with slides, videos, and websites. Out-of-class photo-taking assignments will allow students to practice the techniques they have learned in class. Topics to be covered include: how cameras work, types of cameras and lenses, using shutter speed and aperture for correct exposure and effect, composition, and other techniques to create an aesthetically pleasing picture. Other areas explored are; depth of field, lighting techniques, the history of photography, and a basic intro to Photoshop. Students will learn techniques for portrait, architectural, still-life, landscape photography, photojournalism and more. In addition to photo assignments, students will have occasional written homework assignments as well as quizzes and tests over the material. A camera is required and the school has a limited number of cameras that students can check out.

### **MARCHING BAND**

**CREDIT:1**

**PREREQUISITE:** The student must have completed at least 3 years of band instruction. If a student has not been in a band program or class for that length of time, a meeting with Mr. Stephens and possibly private lessons with an outside person will be required in order to attain the level of musicianship needed for this class.

This is the premiere ensemble of CCS and is a performance based class. This ensemble performs a varied repertoire of music ranging from concert marches, cultural pieces, 21<sup>st</sup> century literature, film, Broadway, and many more genres. The goal of this ensemble is to hone in on musicianship and musical nuances to greater enhance the understanding and performance of music on a high level. This ensemble has a reputation of being a well- structured class that seeks excellence in music. Students are required to practice at home and are held responsible for their own performance. The main objective of this ensemble is to learn how to use skills and gifts as musicians to glorify God.

### **THEATRE I**

**CREDIT: 1**

**PREREQUISITE:** None

This course is for Freshmen and students new to Theatre Arts at CCS. The purpose of the course is to give students an overview of theatre in general. Students will serve the community through theatre arts. Students will perform, design, and write in this class.

### **PRODUCTION LAB**

**CREDIT: 1**

**PREREQUISITE:** Students must complete Theatre Arts I with an A average.

In the Fall, students will perform a One Act Play. In the Spring, students will attend Thespian Conference. Students will learn how their theatre skills apply to the professional field they wish to pursue in college.

### **PHYSICAL EDUCATION:**

1.5 credits are required for graduation

### **PHILOSOPHY STATEMENT**

The Bible states that our bodies are the temple of the Holy Spirit which is living within us; therefore, we are to glorify God with our bodies. Also, Luke 2:52 discusses how Jesus grew in wisdom and in stature

and in favor with both God and man. As we apply physical discipline to our bodies, we seek to glorify God in all we do.

**P.E./WELLNESS**

**CREDIT: 1**

**PREREQUISITE:** None

This course will meet the requirements of PE and Wellness. Team sports will be emphasized as we go over physical conditioning and coordination. The course will be blended with instruction and lecture over safety, first-aid, the dangers of drug use, as well as basic health principles.

**FIT FOR LIFE**

**CREDIT: .5**

This class will meet the final PE .5 credit required for students. Students will participate in physical activity with an emphasis on a fit lifestyle.

**Alternative Half Credit Physical Education Options**

The State of Tennessee requires 1.5 credits of Physical Education and Wellness in the graduation requirements. At CCS, we offer a 1 credit Physical Education and Wellness class. To earn the additional half credit, students can participate in either a CCS team sport or marching band. The additional ½ credit can also be earned outside of school, through participation in an individual sport with practices and competitions. Examples could include karate, horseback riding, ice skating or dance. This requires 60 hours of physical activity—which is the equivalent of a 45 minute class, 5 days a week for a semester.

To receive the half credit, these options must receive prior approval from CCS administration. Please contact the High School Guidance Counselor or the High School Principal regarding approval. Once approval has been received, the 60 hours of physical activity must be recorded on the CCS PE log complete with initials of the supervising coach or adult.

**OTHER ELECTIVES**

**PRINCIPLES OF MARKETING & ENTREPRENEURSHIP**

**CREDIT: 1**

**PREREQUISITE:** None

This course provides a basic foundation for further study in marketing. Students study economic functions at work in the marketplace, marketing functions including purchasing, pricing, and distribution functions. This course is based on the business and marketing core that includes communication skills, economics, financial analysis, and promotion. Both marketing and employment skills learned will improve and increase the chance of successful transition into the world of work. Leadership development will be provided through competitive events.

**YEARBOOK**

**CREDIT: 1**

**PREREQUISITE:** None

Students will design and publish the 2019-2020 CCS Yearbook. Students will write articles/captions and take photos for the yearbook; meet with administrators, teachers, students and coaches to get

background information or interviews. They will work with parents and/or members of the community to sell business ads and market the yearbook. Students must be able to meet deadlines and be responsible for completing pages, designing layouts, proofing, editing, etc. Students must be able to work both independently and with a team, be willing to take pictures after school hours as well as interview students/teachers/coaches.

**DUAL ENROLLMENT: DIGITAL GAME DESIGN/DIGM1500**

**CREDIT: 1**

3 college credit hours with **ETSU**. This is an **online** class and you will need to supply your own laptop as the program will not be compatible with an Ipad or Chromebook.

**PREREQUISITE:** Students must have an unweighted GPA of 3.0 and an ACT minimum composite score of 19 with no subscore below 19 or a SAT minimum composite score of 900 with no subscore below 450

Provides students with an awareness of the gaming, interaction and other 3D industries as well as preliminary hands-on experience in the interactive and gaming fields.

**DUAL ENROLLMENT: DIGITAL ANIMATION/DIGM 1800**

**CREDIT: 1**

3 college credit hours with **ETSU**. This is an **online** class and you will need to supply your own laptop as the program will not be compatible with an Ipad or Chromebook.

**PREREQUISITE:** Students must have an unweighted GPA of 3.0 and an ACT minimum composite score of 19 with no subscore below 19 or a SAT minimum composite score of 900 with no subscore below 450

Provides students with an awareness of animation and other 3D industries, as well as preliminary hands-on experience in animation production.

**DUAL ENROLLMENT: GENERAL PSYCHOLOGY/PSY111**

**CREDIT: 1**

3 college credit hours with **Bryan College**. This is an **online** class and you will need to supply your own laptop as the program will not be compatible with an Ipad or Chromebook.

**PREREQUISITE:** Students must have a minimum unweighted GPA of 3.0

This course is an introduction to the general field of psychology. It will emphasize concepts helpful for understanding contemporary psychology and those basic to further study.

**DUAL ENROLLMENT: INTRO TO CRIMINAL JUSTICE/CJUS 221**

**CREDIT: 1**

3 college credit hours with **Bryan College**. This is an **online** class and you will need to supply your own laptop as the program will not be compatible with an Ipad or Chromebook.

**PREREQUISITE:** Students must have a minimum unweighted GPA of 3.0

An introduction to and overview of the discipline and practice of Criminal Justice, including administrative/management, legal, ethical, and practical aspects.

**DUAL ENROLLMENT: INTRODUCTION TO COMMUNICATION/COMM 111**

**CREDIT: 1**

3 college credit hours with **Bryan College**. This is an **online** class and you will need to supply your own laptop as the program will not be compatible with an Ipad or Chromebook.

**PREREQUISITE:** Students must have an unweighted GPA of 3.0

This course is designed to develop an understanding of the basic principles of speech communication, including public speaking, and proficiency in their use.

**DUAL ENROLLMENT: INTRODUCTION TO BUSINESS/BUS121**

**CREDIT: 1**

3 college credit hours with **Bryan College**. This is an **online** class and you will need to supply your own laptop as the program will not be compatible with an Ipad or Chromebook.

**PREREQUISITE:** Students must have a minimum unweighted GPA of 3.0

This course examines the core functions of business, introducing learners to management, accounting, economics, finance and marketing. Through both formal academic and experiential training, learners are encouraged to determine if business is a calling on their life. In addition, this course explores the biblical basis for business, the free market, distinguishes between profit and greed, and establishes a biblical standard for ethical business decision-making.