

COURSES AVAILABLE BY GRADE LEVEL

BIBLE

Grade 9

BIBLE 9: Church Community

Grade 10

BIBLE 10: Character

Grade 11

BIBLE 11: Communicators

CP Worldview Studies A (Dual Enrollment)

Honors Worldview Studies A (Dual Enrollment)

Grade 12

BIBLE 12: Call

CP Worldview Studies B (Dual Enrollment)

Honors Worldview Studies B (Dual Enrollment)

Electives

Freshman Experience (required)

Apologetics

Authenticity of Scripture

Inductive Bible Study

New Testament Survey (grades 11-12)

Old Testament Survey (grades 11-12)

Christian Leadership (grades 11-12)

BIBLE DEPARTMENT**REQUIRED CHRISTIAN SERVICE HOURS**

Students are required to do Christian service hours during their four high school years. Grades 9 and 10 must complete five hours per academic period. Grades 11 and 12 must complete ten hours per academic period. The completion of the service hours is a significant part of the student's Bible grade. *Students may not receive payment for their service.* Applications for submissions of proposals will be through the Bible teacher. Upon completion of required hours, a service report with a supervisor's or parent's signature is due. It must be submitted two weeks prior to the marking period end. Examples of service opportunities: neighbors, nursing homes, tutoring, church related ministries or community service. Remember that service must be outside of the home environment.

OVERVIEW

The high school Bible classes are by design a Christian Leadership program. Ephesians chapter 4 sets the biblical foundation for the program. In this passage, Paul outlines the mission of the Church. Ephesians 4:11-12 tells us that God established leaders within the Church to make leaders. Therefore, CCS strives to answer God's command to discipleship by developing the next generation of Christian leaders.

In addition, four "C's" can be derived from this passage in Ephesians, and these four form the focus of Bible class over a student's high school career.

THE FOUR C's of CHRISTIAN DISCIPLESHIP:

1. **CHARACTER:** "To Edify" (Ephesians 4:12)
A Study of Jesus Christ from the Four Gospels
2. **CALL:** "To Equip" (Ephesians 4:12)
A Study on Christian Leadership from the Biblical Books of Joshua, Judges, and the History of the Kings
3. **COMMUNICATOR:** "To speak the truth in love" (Ephesians 4:15)
A Worldview Study from the Books of Genesis and Revelation
4. **CHURCH COMMUNITY:** "The Body of Christ" (Ephesians 4:16)
A Study of the Church and of Christian Community from the Book of Acts and the Pauline Epistles

BIBLE 9: Church Community **Grade 9**

BIBLE 10: Character **Grade 10**

BIBLE 11: Communicators **Grade 11**

CP Worldview Studies A (Dual Enrollment) **Grade 11**
(honors level also offered)

Honors prerequisite: Teacher recommendation and department approval.

This course is designed as the first half of our dual enrollment Worldview offering. This specific section focuses on getting students to use critical thinking skills in order to analyze six major worldviews: Christianity, Islam, Secularism, Marxism, New Spirituality, and Post-Modernism.

BIBLE 12: Call**Grade 12****CP Worldview Studies B** (Dual Enrollment)
(honors level also offered)**Grade 12**

Honors prerequisite: At least a “**B**” average in prior Worldview Studies A with teacher recommendation and department approval.

This course transitions from the Worldview Studies A section and starts analyzing the ten basic disciplines in academia: Theology, Philosophy, Ethics, Biology, Psychology, Sociology, Law, Politics, Economics, and History. Students are able to recall their study of the six major worldviews in order to think critically about these various disciplines, ultimately seeing them through a Biblical Worldview.

BIBLE ELECTIVES**Freshman Experience (required)****Grades 9**

Freshman Experience is a course designed for incoming 9th grade students to acclimate them to the school culture. Additionally, this is where teachers, administration, and staff have an opportunity to share important school procedures, help them navigate their schedules and online systems, and help them start thinking about their future after CCS.

Apologetics**Grades 9, 10, 11, 12**

In this course the Pastor surveys the history of apologetics and demonstrates that reason and science are your allies in defending the existence of God and the historical truth claims of Jesus Christ. He affirms four logical premises that are necessary for all reasonable discourse, and teaches you how to defend your faith in a faithless world. Furthermore, he points out that there are many levels on which to defend your faith, and shows how apologetics brings comfort and confidence to Christians of all ages.

Authenticity of Scripture**Grades 9, 10, 11, 12**

The Reliability, Authenticity, and Authority of the Bible will be the focus of this course. Because students must be assured of Scripture’s reliability for their own personal biblical beliefs, this course teaches students to base their beliefs on interaction first with the Bible, then with the teacher.

Inductive Bible Study**Grades 9, 10, 11, 12**

This course is an introduction to various tools of Bible study and a methodical and inductive approach to study of the Scriptures, basic laws, and principles of interpretation. This course includes opportunities to practice using the tools, methods, and principles.

New Testament Survey**Grades 11, 12**

An introduction to the authorship and contents of the New Testament books. Special attention will be given to important persons, places, events, as well as to key chapters in the New Testament revelation.

Old Testament Survey**Grades 11, 12**

An introduction to the authorship and contents of the Old Testament books. Special attention will be given to important persons, places and events, as well as to key chapters in the Old Testament revelation.

Christian Leadership**Grades 11, 12**

Students in the class will study various aspects of both secular and spiritual leadership in order to equip them to be mature spiritual leaders in their school, church, and community. The course includes the study and discussion of different leadership principles and qualities as found in *Be the Leader You Were Meant to Be* by LeRoy Eims and *The 17 Indisputable Laws of Leadership* by John Maxwell.

COURSES AVAILABLE BY GRADE LEVEL

ENGLISH

Grade 9

CP English 1
Honors English 1

Grade 10

CP English 2 (American Literature)
Honors English 2 (American Literature)

Grade 11

CP English 3 (British Literature)
Honors English 3 (British Literature)
AP Language and Composition*

Grade 12

CP English 4 (World Literature)
Honors English 4 (World Literature)
AP Literature and Composition*

Electives

Film Study
Introduction to Journalism
Journalism
Yearbook Design and Development I
Yearbook Design and Development II
Public Speaking
Drama
Aspects of Novel Writing
Christian Literature
Debate Fundamentals
Debate Formal Approaches
Logic and Argumentation
SAT English Prep (Required for 9th and 10th graders)

CP (College Prep)
AP (Advanced Placement)
*may require additional fees

ENGLISH DEPARTMENT**CP English 1****Grade 9**

Prerequisite: Completion of required summer reading list

In this course, students work on their written and oral communication skills, while strengthening their ability to understand and analyze works of literature, both classic and modern. Students read short stories, poetry, drama, novels, essays, and informative articles. The course sharpens reading comprehension skills and engages readers in literary analysis as they consider important human issues and challenging ideas. Students also learn to read for information in nonfiction texts.

Honors English 1**Grade 9**

Prerequisite: Completion of required summer reading list; placement determined by placement test, previous standardized testing and 6, 7, 8 grade record.

This course challenges students to improve their written and oral communication skills, while strengthening their ability to understand and analyze literature in a variety of genres. Students enrolled in this course work on independent projects that enhance their skills and challenge them to consider complex ideas and apply the knowledge they have learned.

CP English 2 (American Literature)**Grade 10**

Prerequisite: Completion of required summer reading list

In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests.

Honors English 2 (American Literature)**Grade 10**

Prerequisite: Completion of summer reading list; “**B**” average in previous honors course or an “**A**” average in previous English course with teacher approval as well as a writing sample.

In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests. Students enrolled in this challenging course will also complete independent projects that deepen their understanding of the themes and ideas presented in the curriculum.

CP English 3 (British Literature)**Grade 11**

Prerequisite: Completion of required summer reading list

In this course, students read and analyze works of British literature that reflect the rich and diverse history of the Western world. As students’ progress through centuries of literature in a loose chronological arrangement, they will see how British literature has been shaped by concerns, values, and ideas that have intrigued, delighted, and challenged people throughout time. Throughout the course, poetry, short stories, novels, drama, and nonfiction provide opportunities for critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests.

Honors English 3 (British Literature)**Grade 11**

Prerequisite: Completion of required summer reading list; “**B**” average in previous honors course or an “**A**” average in previous English course with teacher approval as well as a writing sample.

In this course, students read and analyze works of British literature that reflect the rich and diverse history of the Western world. As students’ progress through centuries of literature in a loose chronological arrangement, they will see how British literature has been

shaped by concerns, values, and ideas that have intrigued, delighted, and challenged people throughout time. Throughout the course, poetry, short stories, novels, drama, and nonfiction provide opportunities for critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics in preparation for standardized tests. Students enrolled in this challenging course will also complete independent projects that extend their knowledge and deepen their understanding of the themes and ideas presented in the curriculum

CP English 4 (World Literature)**Grade 12**

Prerequisite: Completion of required summer reading list

This English course follows World literature from its beginning in the ancient East through the twentieth century. Literary selections are representative of various historical periods, various cultural traditions and various literary genres. The course is primarily designed to meet the needs of the college bound student and emphasizes the development of composition skills, literary analysis and critical thinking. Students will continue to develop research skills and apply them in producing a required research paper that focuses on argumentation.

Honors English 4 (World Literature)**Grade 12**

Prerequisite: Completion of required summer reading list; “**B**” average in previous honors course or an “**A**” average in the previous English course with teacher approval as well as a writing sample.

This English course follows World literature from its beginning in the ancient East through the twentieth century. Literary selections are representative of various historical periods, various cultural traditions and various literary genres. The course is primarily designed to meet the needs of the college bound student and emphasizes the development of composition skills, literary analysis and critical thinking. Students will continue to develop research skills and apply them in producing a required research paper that focuses on argumentation. Additional readings and assessments will be assigned to meet the needs of the students in this challenging course.

AP COURSES (the AP College Board test is mandatory)**AP English Language and Composition****Grade 11**

Prerequisite: Completion of summer reading list; “**A**” average in previous honors course.

The curriculum for English Language and Composition provides the skills needed to successfully complete the AP Language and Composition exam. In this course students will:

- Compose persuasive and expository essays effectively and confidently.
- Engage in close/critical reading of prose and essays.
- Practice classical rhetorical strategies such as invention, arrangement, and style.
- Compare and contrast authors and the authors writing styles.
- Learn to think critically about the author's intent and whether or not the author accomplished her/his goal.
- Identify logical fallacies by analyzing arguments.

AP English Literature and Composition**Grade 12**

Prerequisite: Completion of summer reading list; “**B**” average in previous AP course or “**A**” average in previous honors course.

The curriculum for English Language and Composition provides the skills needed to successfully complete the AP Language and Composition exam. In this course students will:

- Compose persuasive and expository essays effectively and confidently.
- Engage in close/critical reading of prose and essays.
- Practice classical rhetorical strategies such as invention, arrangement, and style.
- Compare and contrast authors and the authors writing styles.
- Learn to think critically about the author's intent and whether or not the author accomplished her/his goal.
- Identify logical fallacies by analyzing arguments.

ENGLISH ELECTIVES**Film Study****Grades 9, 10, 11, 12**

Students will be introduced to the technical, historical, and theoretical aspects of filmmaking. Units to be covered include the following: Cinematography and Image, Movement, Editing, Sound, Acting, The Documentary, The Director, Film Criticism, and Contemporary Issues in Film. This course also meets the criteria for a Fine Arts requirement.

Introduction to Journalism**Grades 9, 10, 11, 12**

Introduction to Journalism will expose students to the fields of print and broadcast journalism through hands-on experience with news writing. Students will learn how to interview and write for a variety of audiences as they practice constructing news articles, feature articles, editorials and sports pieces. Part of the course will include gathering news and writing for the school newspaper, The Lion's Roar. Students will also learn how to analyze articles from local, state, and national newspapers as well as from news magazines for content and style. Guest speakers and field trips to local newsrooms will give students the opportunity to consider a career in print or broadcast journalism.

Journalism**Grades 10, 11, 12**

Prerequisite: Introduction to Journalism

Students are introduced to the historical importance of journalism in America. They study the basic principles of print and online journalism as they examine the role of printed news media in our society. They learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles for the school newspaper, The Lion's Roar. Students will conduct interviews, research, write, and design their own publications.

Yearbook Design and Development I**Grades 9, 10, 11, 12**

Students in this year long course are responsible for the design and publication of the High School Yearbook. Students should have a background or interest in one of the following areas: photography, desktop publishing, art/design, or written language. Those enrolled must research the need and the market for this product. They must design a new or improved product that meets the need and review the success of this product. Students must produce quality work, work together in groups, must be able to handle deadline pressure, and should expect to spend additional time outside of the class working on the publication.

Yearbook Design and Development II**Grades 10, 11, 12**

Prerequisite: Yearbook Design and Development I

This class is for the student who has completed Yearbook I and desires a leadership role in the yearbook class. The class is designed to develop leadership and design skills, accuracy, and accountability. This class will meet at the same time as the Yearbook I class.

Public Speaking**Grades 9, 10, 11, 12**

Students are introduced to public speaking as an important component of their academic, work, and social lives. They study public speaking occasions and develop skills as fair and critical listeners, or consumers, of spoken information and persuasion. Students study types of speeches (informative, persuasive, dramatic, and special occasion), read and listen to models of speeches, and prepare and present their own speeches to diverse audiences. Students learn to choose speaking topics and adapt them for specific audiences, to research and support their ideas, and to benefit from listener feedback. They study how to incorporate well-designed visual and multimedia aids in presentations and how to maintain a credible presence in the digital world. Students also learn about the ethics of public speaking and about techniques for managing communication anxiety.

Drama**Grades 9, 10, 11, 12**

Introduces actors to the principles and techniques of creating believable characters through action, improvisation, analysis, movement, vocal control, audition workshop, scene study, and interpretation. Major contemporary playwrights used for scene study. No previous theater experience is necessary; however, CCS play participation is required.

Aspects of Novel Writing**Grades 9, 10, 11, 12**

This course will focus on storyboarding and the craft of writing a screenplay and a novel. Every student will be required to outline and begin writing a novel or screenplay. Students will brainstorm ideas, characters, and plot.

Christian Literature**Grades 9, 10, 11, 12**

This course is a survey of modern Christian literature. Students will read and examine in detail at least five works. Past examples have included: *Normal Christian Life* by Watchman Nee, *Mere Christianity* by C.S. Lewis, and *Purpose Driven Life* by Rick Warren.

Debate Fundamentals**Grades 9, 10, 11, 12**

When perspectives clash, the ability to resolve conflicts through sound reasoning and negotiation can make the difference between effective progress and problematic decisions. This course is designed to present students with the opportunity to debate controversial issues in a structured format while inculcating a central core competency: recognizing and relating to the values of an audience. Additionally, students will be introduced to important terms, concepts, and elements of debate including the parts of a case, common philosophies, and rebuttal strategies.

Debate: Formal Approaches**Grades 10, 11, 12**

Prerequisite: Debate Fundamentals

Following Debate Fundamentals, this course is meant to provide opportunities to achieve greater depth in argumentation and enjoy individual opportunities to debate. Students will participate in both Lincoln-Douglas and Public Forum debates, construct cases, and achieve significant familiarity on both sides of topics of importance. Tournament observation/participation requirements apply. This class is restricted to those who have taken Debate Fundamentals or who receive a teacher recommendation.

Logic and Argumentation**Grades 9, 10, 11, 12**

Every decision that we make is based on what we perceive to be the most compelling reason for doing so. Whether we act based on our own reasoning or on the authority of a source we find to be credible, we must still be confident in our ability to discern and defend the truth. Amid the sea of ideas and opinions that we face, it can be difficult to distinguish the degree to which a statement is true. In Logic and Argumentation, students will identify the relative strength of arguments, construct sound arguments, recognize and classify logical fallacies, produce effective written responses to topics of importance, and use logic to solve occasional riddles and mysteries.

SAT Prep English (Required)**Grades 9,10**

This elective course is designed to prepare students for the SAT Exam. Students in this course will be introduced to the exam format and learn test taking strategies specific to the SAT. Focus will be on practice problems related to critical reading, grammar, vocabulary, and writing.

COURSES AVAILABLE BY GRADE LEVEL
HISTORY and SOCIAL SCIENCE

Grade 9

CP World History
Honors World History

Grade 10

CP U.S. History 1
Honors U.S. History 1

Grade 11

CP U.S. History 2
Honors U.S. History 2

Grade 12

CP American Government and Economics
Honors American Government and Economics
AP Government and Politics
AP U.S. History*

Electives

Financial Literacy (Required for 10 grade)
Anthropology
Psychology
Geography
Sociology
Constitutional Law
Law Enforcement 1 and 2**
Criminal Psychology
Forensics

CP (College Prep)

AP (Advanced Placement)

*may require additional fees

**offered on alternating years

HISTORY and SOCIAL SCIENCE DEPARTMENT**CP World History****Grade 9**

(honors level also offered)

Honors placement based on teacher recommendation, 6, 7, 8 grade record and a writing test may be required.

This course starts in the ancient times of Mesopotamia and works its way to the contemporary time period. In it, students will learn how to analyze and critically think about politics, race, religion, and cultural differences. While studying, various non-biblical topics come up, but the course is designed to help students evaluate everything in light of a Biblical view. Lastly, students will learn various portions of Biblical History and Church History as they travel through many different time periods.

CP United States History 1**Grade 10**

(honors level also offered)

Honors prerequisite: At least a **"B"** average in World History honors course or an **"A"** average in World History course with teacher recommendation and department approval; previous writing samples will be evaluated as well.

This course is a full-year survey that provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Readings are drawn from the assigned text and several online resources. Lessons help students organize their study, explore topics in depth, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating time lines, completing projects and written assignments, and conducting independent research.

CP United States History 2**Grade 11**

(honors level also offered)

Prerequisite: U.S. History 1

Honors prerequisite: At least a **"B"** average in US History 1 honors course or an **"A"** average in US History 1 course with teacher recommendation and department approval; previous writing samples will be evaluated as well.

This course is a full-year survey that provides students with a comprehensive view of American history from the industrial revolution of the late nineteenth century to recent events. Readings are drawn from the assigned text and several online resources. Lessons help students organize study, explore topics in depth, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research.

CP American Government and Economics**Grade 12**

(honors level also offered)

Honors prerequisite: At least a **"B"** average in prior US History honors courses or an **"A"** average in prior US History courses with teacher recommendation and department approval; previous writing samples will be evaluated as well.

The word "government" comes from a Latin word which means, "to steer a ship." Man's fallen sinful nature makes some form of government essential if utter chaos misery and barbarism is to be avoided. God has ordained human government, which in simple terms is the authority to direct the affairs and control the actions of others. This authority comes from the Creator unto whom people and governments must give an account. The U.S. Government and its corresponding economic system, owing much to the Judeo-Christian influence and the Protestant reformation, has been the most successful in history. It is preferable if the student has had some U.S. history first. The goals of the course are to familiarize the student with the biblical basis for human government and a brief survey of the history and meaning of various types of government, our English and Biblical heritage of American Government and Law including the colonial era, the history and principles involved in the writing of our Constitution and Bill of Rights, the structure and functioning of government as contained in the constitution, the origin and structure of state and local government, the workings of the principle economic systems, as well as the basic laws of economics, and the structure and dynamics of the U.S. economy.

AP COURSES (the AP College Board test is mandatory)**AP U.S. History****Grade 10, 11, 12**

Prerequisite: Honors U.S. History 1 and/or 2; at least a “**B**” average in honors history and honors English; teacher recommendation and department approval. A skills assessment may also be given to determine eligibility.

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American history. The program prepares students for intermediate and advanced college courses by making demands upon the equivalent to those of a full year introductory college course. At the conclusion of the class, students may take an exam to determine their qualification to receive college credit.

AP Government and Politics**Grade 12**

Prerequisite: Honors U.S. History 1 and 2; at least a “**B**” average in honors history and honors English; teacher recommendation and department approval. A skills assessment may also be given to determine eligibility.

The College Board prescribes a course aim “to provide the student with a learning experience equivalent to that obtained in most college introductory United States Government and Politics courses.” Students are expected to demonstrate knowledge of the constitutional underpinnings of American government, political beliefs and behaviors, political parties, interest groups, mass media, institutions of national government, public policy, civil rights, and civil liberties. In addition to analyzing foundational US documents, the course also explores the progression of landmark Supreme Court cases, the role of the executive branch, and modern policy debates. The course inculcates core economic terminology and explores the intersection between political decisions and their economic consequences through classic texts such as Adam Smith’s *The Wealth of Nations*, Frederic Bastiat’s *The Law*, and Henry Hazlitt’s *Economics in One Lesson*.

HISTORY ELECTIVES**Financial Literacy (required)****Grade 10**

This course uses *Foundations in Personal Finance* by Dave Ramsey. It will provide students with sound financial principles that will guide them into adulthood. The course also educates and entertains students as they learn to avoid the dangers of debt and how to build savings. This course fulfills the NJ Core Standard required for graduation.

Anthropology**Grades 9, 10, 11, 12**

Anthropology is the study of human beings and their social, environmental, and cultural relationships over time. In this course, students familiarize themselves with their own culture as they explore cultures from around the world and from different periods in history. Students examine each culture through the lens of family, land, death, identity, and power to explore the similarities and differences of cultural roles in various times and places.

Psychology**Grades 9, 10, 11, 12**

In this introductory course, students explore why people think and act the way they do. Topics include key terms, the major concepts and theories of psychology, and ethical standards that govern psychological research. Students develop critical thinking skills to evaluate theories and current research, learn how psychological principles apply to their own lives, and build on reading, writing, and discussion skills.

Geography**Grades 9, 10, 11, 12**

This course introduces students to the countless ways in which geography influences human relationships, politics, society, economics, science, technology, and the arts. Special emphasis is placed on the way geographically derived information is expressed in maps, charts, and graphs in order to teach students how to analyze such documents carefully—and how to create them.

Sociology**Grades 9, 10, 11, 12**

This course examines how individuals, groups, and institutions interact to make up human societies. You will learn about sociological perspectives, culture, social structures, and social inequality. You will study people and the roles they play in society, both as individuals and groups.

Constitutional Law**Grades 9, 10, 11, 12**

This introductory course focuses on the issues raised by the structural parts of the United States Constitution. Consideration will be given to judicial processes in constitutional cases; judicial review; and the federal courts functioning in the constitutional system. Attention will then be given to the relationships of the three federal branches of government, with emphasis on some of the powers and limitations of the executive, legislative, and judicial bodies that arise from principles of separation of powers and national checks and balances.

Law Enforcement 1**Grades 9, 10, 11, 12**

(offered on alternating years with Law Enforcement 2)

This introductory course is intended for those students wishing a basic overview of the role of police in American society. It will provide an overview of the expectations and realities of police work. The course provides insight into the role of police officers in society, their basic duties and responsibilities, career options, and current topics on special problems facing law enforcement.

Law Enforcement 2**Grades 10, 11, 12**

(offered on alternating years with Law Enforcement 1)

Prerequisite: Law Enforcement 1

The course will familiarize the student with the basic principles of the investigative technique and introduce how to correlate legal information into effective data necessary to the process of legal prosecution. Also, to familiarize the student with methods of operation, character of criminals and the aspect of state-of-the-art criminal detection methods will be studied.

Criminal Psychology**Grades 9, 10, 11, 12**

Through this course, students are introduced to personality theories and learning styles in the context of criminal behavior theories. Discussions focus on historical and modern theories of criminal behavior, including behavioral, cognitive, developmental and biological doctrines.

Forensics**Grades 9, 10, 11, 12**

The course is an introduction to the application of scientific methods for the examination of physical evidence in the criminal justice system. After completing this course, students will be able to identify various types of physical evidence, know how evidence is collected and processed, and understand how forensic evidence helps to identify and prosecute defendants.

COURSES AVAILABLE BY GRADE LEVEL
SCIENCE

Grade 9

CP Biology
Honors Biology

Grade 10

CP Physical Science
Honors Physical Science
CP Chemistry
Honors Chemistry

Grade 11

CP Physical Science
Honors Physical Science
CP Chemistry
Honors Chemistry
Physics
Honors Physics
AP Chemistry*
AP Biology*

Grade 12

CP Anatomy & Physiology
Honors Anatomy & Physiology
CP Physics
Honors Physics
AP Biology*
AP Chemistry*
AP Physics*

Electives

Ecology
Astronomy
Origins
Geology
Evolution verses Creation

*** Consider removing Physical Science as an 11th Grade Class

CP (College Prep)
AP (Advanced Placement)
*may require additional fees

SCIENCE DEPARTMENT**CP Biology****Grade 9**

(honors level also offered)

Honors prerequisite: Teacher recommendation and department approval. Honors math taken concurrently.

Biology is a course, which lays a foundation of understanding toward Botany, Human Anatomy and Physiology, and Zoology. The course content is designed to provide students with an overview of the biological sciences. The course requires strong memorization skills and good study habits. The course includes student and demonstration labs designed to familiarize students with laboratory techniques and safety. The course is designed to give students an understanding of the wonders of God's universe and an appreciation of God's creation around us.

CP Physical Science**Grade 10, 11**

(honors level also offered)

Honors prerequisite: At least a "**B**" average in prior science honors courses or an "**A**" average in prior science courses with teacher recommendation and department approval; previous writing samples will be evaluated as well.

Physical Science is an overview of Meteorology, Oceanography, Geology, Chemistry, and Physics. Additionally, this course lays an important foundation of scientific understanding to prepare students for more advanced science courses and provides each student the opportunity to master the study skills and study habits necessary for success in those courses. Physical Science is designed for students who have matriculated through the standard 7th and 8th grade science curriculum. The course material is foundational for student success in more advance science courses.

CP Chemistry**Grades 10, 11**

(honors level also offered)

Prerequisites: Biology and Algebra 1

Honors prerequisite: At least a "**B**" average in prior science honors and math honors courses or an "**A**" average in prior science and math courses with teacher recommendation and department approval.

Chemistry is an introductory course which lays a foundation of understanding toward chemistry. The course content is designed to prepare students for entry-level college chemistry and includes analytical, physical, stoichiometric, organic, and nuclear chemistry. The course content is demanding. The course includes student and demonstration labs designed to familiarize students with laboratory techniques and safety.

CP Physics**Grades 11, 12**

(honors level also offered)

Pre-requisites: Physical Science, Chemistry, Algebra 2, Geometry

Honors prerequisite: At least a "**B**" average in Honors Chemistry, Honors Algebra 2, and Honors Geometry

Physics is a science that describes the entire physical world using only a few fundamental concepts. The goal of this course is to prepare students with above-average interest and ability in science for first year college physics. Through minds-on activities, hands-on experiments, and demonstrations in an interactive classroom, students will learn how to classify the wide variety of phenomena around us within the framework of the basic physical laws. Student will also connect these laws to everyday life. All course assignments, including home-assigned problems, readings and lab write-ups, are designed to develop expert problem-solving skills and reinforce the application of mathematics skills. Topics include measurement, kinematics, dynamics, energy, universal gravitation, mechanisms of the solar system, heat, light, electricity, basic electronics, and magnetism. Required study will include readings from the textbook, laboratory reports, and home assignments. Students will be responsible for completing independent research projects and will be expected to spend 45-60 minutes nightly on homework.

CP Anatomy and Physiology

Grades 12

(honors level also offered)

Prerequisites: At least a “**B**” average in Biology, and Science Department approval

Honors prerequisites: At least a “**B**” average in Honors Biology, and Science Department approval

Anatomy and Physiology is a course for students definitely planning on seeking a medically oriented or biology-related degree in post-secondary college work. The course content is extremely demanding. Only highly motivated students with strong memorization skills and good study habits should ask permission to take this course. Class size is limited.

AP COURSES (The AP College Board test is mandatory)

AP Chemistry

Grades 11, 12

Prerequisites: At least an “**A**” average in Honors Chemistry, Honors Algebra 2

Students who successfully complete this course should be well prepared to take the AP chemistry exam in May. This course will reinforce the chemical principles learned in college-prep chemistry such as the periodic table, chemical formulas and equations, stoichiometry, and chemical bonding. This course will also include new topics such as the hybrid theory, the molecular orbital theory, organic chemistry, chemical kinetics, chemical equilibrium, and thermochemistry. Students will conduct advanced labs, prepare lab reports, complete problem sets, take unit exams, and complete an individual research project.

AP Biology

Grades 11, 12

Prerequisites: At least an “**A**” average in Honors Biology

AP Biology is designed for students that have a strong interest in the sciences. Department approval is required before a student can be registered for this course. The AP Biology course is designed to offer students topics that are covered in a freshman Biology course at the university level. Students accepting the challenge of an Advanced Placement course will be required to actively participate in all lectures and laboratory activities that are conducted during the year. To succeed in AP Biology, students must be highly motivated to learn. Reading requirements for the course are rigorous and require a daily commitment in order to stay caught up in the class. Exams generally cover 3 - 4 chapters in the text and occur every 2-3 weeks depending on the content being covered and the number of labs that are conducted during the unit. Laboratory activities suggested by the College Board are conducted to give the student a fair representation of a university-level Biology course. In addition to the College Board laboratories, there are additional activities to aid in exploring the unit effectively.

AP Physics

Grades 12

Prerequisites: At least an “**A**” average in Honors PreCalculus and Honors Physics

The goal of AP Physics is to provide students with an experience equivalent to an introductory college level physics course. AP Physics requires a serious commitment from students. This class will be conducted primarily through inquiry based laboratory experiments and problem solving activities, reinforced with class discussion. Students should be prepared to devote a significant amount of time to working on problem sets, writing lab reports, and working on projects outside of class. It is expected that students taking this course will have strong algebra skills.

SCIENCE ELECTIVES

Ecology

Grades 9, 10, 11, 12

This is a general science course designed to give students a comprehensive understanding of stewardship and responsibility to the world in which we live. Topics include erosion, pollution, industrialization, and conservation.

Astronomy

Grades 9, 10, 11, 12

This course studies the universe as the handiwork of God. Students will explore celestial entities through current observations and will understand the intricate balance necessary for life to exist on Earth. They will recognize the fallacy of the Big Bang Theory and be able to provide evidence from their studies for their faith in Christ.

Geology

Grades 9, 10, 11, 12

This course will demonstrate how the geological record confirms the true history of the earth found in the Bible. The following topics will be covered: The Flood, Noah's Flood and the Earth's Age, Radioactive and Radiocarbon Dating, Radiohalos, and Grand Canyon.

Origins

Grades 9, 10, 11, 12

This course will provide an engaging framework for a course exploring evolution, intelligent design, and biblical creation. Sources like *Unlocking the Mystery of Life*, *The Intelligent Design Movement: How Intelligent Is It?*, *Creation/Evolution: Does It Matter What We Believe?*, *The Origin of Life*, *Origin of the Species: Was Darwin Right?*, and *4 Power Questions to Ask an Evolutionist* will be covered.

Evolution versus Creation

Grades 9, 10, 11, 12

What does Natural Selection really say about the origin of species? Through case by case claims of Darwin's Natural Selection process we will examine scientific evidences that refuted these claims and therefore, gain confident insightful knowledge as believers of the Truth. Corollary to biology, you will learn to understand the truth about the dinosaurs through their fossil records and the origin of life in stimulating discussion based classroom. But be aware that as a result of taking this class, that you might actually like science!

COURSES AVAILABLE BY GRADE LEVEL

MATHEMATICS

Grade 9

CP Algebra 1
CP Geometry
Honors Geometry

Grade 10

CP Geometry
CP Algebra II
Honors Algebra II

Grade 11

CP Algebra II
Pre-Calculus* (dual-enrollment through MCC)
Honors Pre-Calculus* (dual-enrollment through MCC)

Grade 12

Mathematics Overview
Pre-Calculus* (dual-enrollment through MCC)
Honors Pre-Calculus* (dual-enrollment through MCC)
AP Calculus AB*
CP Statistics

Electives

Introduction to Engineering and Robotics
SAT Math Prep (Required for 9th and 10th)

Classes on the Course Guide but not Master Schedule

- Mathematics Overview,

***Consider not offering Statistics Class (9th and 10th Grade)

CP (College Prep)
MCC (Middlesex County College)
AP (Advanced Placement)
*may require additional fees

MATHEMATICS DEPARTMENT**CP Algebra I****Grade 9**

Algebra 1 emphasizes fundamental mathematical processes and the real number system as well as the algebraic. Students acquire proficiency in applying algebraic concepts and skills necessary for more advanced work in mathematics. Topics include the order of operations, equations, analyzing and graphing linear functions, factoring, inequalities, rational and irrational numbers, solving systems of linear equations, and analysis of problem solving.

CP Geometry**Grades 9, 10**

Prerequisites: Completion of full year Algebra I course

In this course students will gain a basic understanding of the methods of coordinate geometry. Topics include the nature of proof which involves geometric and algebraic and non-mathematical situations, the study of basic geometric figures, areas, volumes, inductive and deductive analysis, and transformations. Geometry is a prerequisite for the study of all advanced courses in mathematics and is required for admission to colleges.

Honors Geometry**Grade 10**

Prerequisites: Approval of Algebra 1 teacher; freshman who have had a full year of Algebra I in middle school must complete a placement test to qualify for this course.

Honors Geometry is distinguished from traditional geometry by the fusion of plane, solid, and coordinate geometry, and through advanced application theorems so that subject matter is unified and clarified. Topics include the nature of proof which involves geometric, algebraic, and non-mathematical situations, the study of basic geometric figures, loci, numerical trigonometry, areas, and volumes.

CP Algebra 2**Grades 10, 11**

Prerequisites: Algebra 1 and Geometry; approval of math department. (*Students whose average in Algebra I was "C" or "D" should take a review course during the summer or be tutored by a certified math teacher during the summer prior to studying Algebra 2*).

Algebra 2 is designed to meet the needs of students preparing for entrance into college as well as for those intending to engage in semi-technical work. Topics include real number systems, polynomials, solution of quadratic equations and inequalities, relations and functions, conics, exponential and logarithmic equations, matrices and probability, and basic trigonometric functions.

Honors Algebra 2**Grade 10**

Prerequisites: At least a "B" average in Honors Algebra 1 and Honors Geometry; approval of math department.

This course is a continuous program for those students planning to pursue a mathematics and/or science major in college. Other students who are undecided about future plans, but who qualify for a demanding program, may apply. Topics include real number systems, polynomials, solution of quadratic equations and inequalities, relations and functions, conics, exponential and logarithmic equations, matrices and probability, and basic trigonometric functions.

Pre-Calculus**Grade 11, 12**

(dual-enrollment through Middlesex County College)

Prerequisites: At least a "B" average in Algebra 2; approval of math department.

This course is designed for students who wish to study mathematics and/or science in college. Such topics as a review of equations of lines and circles; real functions; derivatives and applications to graph sketching; logarithmic and exponential functions; an introduction to integration with applications to area under a curve; trigonometry; combination analysis; and probability will be covered.

Honors Pre-Calculus**Grade 11, 12**

(dual-enrollment through Middlesex County College)

Prerequisites: At least a “**B**” average in Honors Algebra 2; approval of math department.

This course is designed for students who wish to study mathematics and/or science in college. Such topics as a review of equations of lines and circles; real functions; derivatives and applications to graph sketching; logarithmic and exponential functions; an introduction to integration with applications to area under a curve; trigonometry; combination analysis; and probability will be covered.

Mathematics Overview**Grade 12**

The class builds computational skills and conceptual understanding needed to undertake college math courses with confidence. Carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. Formative assessments help students understand areas of weakness and improve performance, while summative assessments chart progress and skill development. This course is designed for students seeking to review and master important math skills prior to college entrance.

Statistics**Grade 12**

In this age of technology, people are constantly creating hypotheses, making predictions, testing, and analyzing information. This course prepares students to interact with information by teaching them methods of data collection, tabulation, analysis, and interpretation. Numbers and data are everywhere, and statistics is a way to convert numbers into useful information so that good decisions can be made.

AP COURSES (The AP College Board test is mandatory)**AP Calculus AB****Grade 12**Prerequisites: At least an “**A**” average in Honors Algebra I, Honors Geometry, Honors Algebra 2 and Honors Pre-Calculus; approval of math department.

This course is designed to prepare the student for college mathematics at an advanced level. It is intended for students who have a thorough knowledge of college preparatory mathematics including algebra, axiomatic geometry, trigonometry and analytical geometry. The course includes elementary functions (algebraic, trigonometric, transcendental); limits; the derivative; applications of the derivative; anti-derivatives; applications of the anti-derivative techniques of integration; and the definite integral and its applications.

This course is the equivalent of an introductory college-level calculus course. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. Students learn to evaluate the soundness of proposed solutions and apply mathematical reasoning to real-world models. Students also learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Students prepare for the AP® Exam and further studies in science, engineering, and mathematics.

MATHEMATICS ELECTIVES**Introduction to Engineering and Robotics**

This class will explore the amazing impacts that systems engineering has on people in the world through designing and building robots, learning key systems concepts such as finding the shortest path through a network, and seeing how researchers are using natural systems as inspiration for solving problems that we all face in our daily lives.

SAT Prep English (Required)

Grades 9,10

This elective course is designed to prepare students for the SAT Exam. Students in this course will be introduced to the exam format and learn test taking strategies specific to the SAT. Focus will be on reviewing Pre-algebra, Algebra, and Geometry specific through practice problems and effective use of a graphing calculator for the exam.

COURSES AVAILABLE BY GRADE LEVEL
FOREIGN LANGUAGE

Grade 9

CP Spanish I
Honors Spanish I
CP Italian I
Honors Italian I

Grade 10

CP Spanish II
Honors Spanish II
CP Italian II
Honors Italian II

Grade 11

CP Spanish III
Honors Spanish III

Grade 12

CP Spanish IV
Honors Spanish IV
AP Spanish*

Electives

Latin I
Latin II
American Sign Language (ASL) 1
American Sign Language (ASL) 2

*** Will we only be offering Spanish for 2017-2018?

CP (College Prep)

AP (Advanced Placement)

*may require additional fees

FOREIGN LANGUAGE DEPARTMENT**SPANISH****CP Spanish I****Grades 9**

This course is designed to provide an introduction to the language with an emphasis on developing speaking, listening, reading, and writing skills. Students will communicate using basic vocabulary and grammatical structures. They will learn about the customs and traditions of Spanish-speaking people.

Honors Spanish I**Grades 9**

Prerequisite: Foreign language department approval.

The course offers an accelerated approach to advanced level concepts and processes for the highly capable student. Active daily student participation; flexible and fluent thinking; application of inquiry, synthesis, and evaluation skills; practices in proficiency; and development of self-directed projects are the major characteristics of this honors program.

CP Spanish II**Grades 10**

Prerequisite: Satisfactory completion of Spanish I

Students will continue to gain an understanding of the language through, oral practice, reading, and writing skills. They will learn about Hispanic cultures and people.

Honors Spanish II**Grades 10**

Prerequisite: At least a "B" average in Honors Spanish I; foreign language department approval.

This course continues the communicative development of the Spanish language at the intermediate/advanced level. Extensive vocabulary and grammar are mastered in order to advance.

CP Spanish III**Grades 11**

Prerequisite: Satisfactory completion of Spanish II

This course continues communicative proficiency at the intermediate/advanced level. Students learn to communicate about topics or situations they are likely to encounter. A focus on Hispanic culture and civilization accompanies this course.

Honors Spanish III**Grades 11**

Prerequisite: At least a "B" average in Honors Spanish II; foreign language department approval.

This course continues communicative proficiency at the advanced level. Development will be exercised through oral practice, reading, and writing skills. Students will encounter conversational topics relevant to society and the world. A focus on Spanish literature and Hispanic culture and civilization accompanies this course.

CP Spanish IV**Grade 12**

Prerequisite: Satisfactory completion of Spanish III

Students review concepts previously studied and refine those concepts with more in-depth listening, speaking, reading, and writing exercises. New grammar, vocabulary, and culture lessons will be incorporated into the classes. Students will expand their knowledge of Hispanic culture and civilizations.

Honors Spanish IV**Grade 12**

Prerequisite: At least a “**B**” average in Honors Spanish III; foreign language department approval.

This course continues communicative proficiency at the advanced level. Development will be exercised through oral conversation, reading, and writing skills. Students will encounter conversational topics relevant to society and the world. A focus on Spanish literature and Hispanic culture and civilization accompanies this course.

AP Spanish (The AP College Board test is mandatory)**Grade 12**

Prerequisite: At least an “**A**” average in Honors Spanish III; foreign language department approval.

The AP class is intended to develop proficiency in the Spanish Language integrating the four core skills (listening, speaking, reading, and writing) throughout the course. In order to accomplish its task, the class has been designed to present a variety of activities and practices with the study of each unit. This allows the students to express, inquire, and use different strategies in a variety of cultural contexts. This process hones their ability to listen, speak, and use technology and the internet in order to help them communicate, and guides them to use various resources through which they may apply their skills. This class is taught entirely in Spanish in order to motivate the students to use their Spanish language skills throughout the year and to refrain from falling back into their native tongue.

ITALIAN**CP Italian I****Grades 9**

Italian I emphasizes speaking, listening, reading, and writing skills. Useful vocabulary and basic grammar are presented by means of colorful illustrations. Classroom activities are designed to develop communicative competence. Tasks include oral reports, skits, internet projects, simulations and exercises.

Honors Italian I**Grade 9**

Prerequisite: Foreign language department approval.

Training in the four basic skills: reading, writing, speaking and listening are emphasized in this Honors class. This course quickly takes students from knowing no Italian at all to the point where they can understand and enjoy the language. In addition to using the class materials, students also learn about Italy's culture through innovative activities in class. Oral drills and written exercises are incorporated into the class to enhance training in the four basic skills: speaking, reading, writing and understanding.

CP Italian II**Grades 10**

Prerequisite: Satisfactory completion of Italian I

Italian II reviews and builds on the concepts learned in Italian I, helping students understand more complex concepts of grammar and conversation. Students will continue to practice interpersonal and presentational speech and writing through tasks and projects.

Honors Italian II**Grade 10**

Prerequisite: At least an “**B**” average in Honors Italian I; foreign language department approval.

This course continues communicative proficiency at the advanced level. Italian II reviews and builds on the concepts learned in Italian I, helping students understand more complex concepts of grammar and conversation. Students will continue to practice interpersonal and presentational speech and writing through tasks and projects.

FOREIGN LANGUAGE ELECTIVES**American Sign Language (ASL) I****Grades 9, 10, 11, 12**

This course encompasses an American Sign Language curriculum suitable for high school and college courses. This curriculum is grounded in contemporary second language theories that balance grammar instruction and conversational skills with ample exercises to develop language proficiency.

American Sign Language (ASL) 2**Grades 10, 11, 12**

This course is designed with the hearing student in mind by focusing attention on traditional trouble areas, highlighting differences between ASL and English, and making the cultural and linguistic uniqueness of the Deaf World accessible. This course builds on what is taught in ASL 1.

Latin 1**Grades 9, 10, 11, 12**

An introductory Latin course to help students acquire basic Latin grammar concepts and vocabulary, develop good language study habits, see relationship between Latin and other languages, especially English and explore Roman culture. It is designed to provide a solid background and preparation for a successful entry of students into Latin I. While not a pre-requisite for Latin I, it is foundational and highly recommended when possible.

A beginning Latin I course will help students acquire basic Latin grammar concepts and vocabulary, develop good language study habits, see the relationship between Latin and other languages, especially English, and explore Roman culture.

Latin 2**Grades 10, 11, 12**

This class is designed to teach students methods for comprehending increasingly challenging Latin passages through daily practice in reading, translation, and the study of Latin grammar fundamentals and vocabulary. Students will study the complexities of Latin word order, noun declensions, verbal conjugations, and they will develop a facility with translation and analysis of complex sentences.

Frequent study of Latin derivations and cognates will help develop English vocabulary skills in preparation for the SATs. Besides this obvious benefit, Latin will also strengthen each student's understanding of English and other languages' grammar. Furthermore, Latin will allow each student to discover the debt that Western Civilization owes to Greco-Roman culture, thus strengthening and enriching their understanding of science and the humanities. Emphasis will be placed on reading Latin aloud with proper pronunciation and intonation. Listening skills will be developed through the dictation of Latin words, sentences and stories.

COURSES AVAILABLE BY GRADE LEVEL

PHYSICAL EDUCATION and HEALTH

PHYSICAL EDUCATION

Grades 9-12

Physical Education credits are fulfilled outside of school. 2.5 hours per week of physical activity is required. Participation in interscholastic athletics fulfills P.E. requirements. Students are required to submit forms requesting credit for Physical Education. The activities listed on the form must be approved by the Guidance Department. All forms must be turned in to the Guidance Office by appropriate dates to obtain credits.

HEALTH

Grade 9

Health and Wellness

Grade10

Driver's Education

Grade 11

CPR and First Aid

Grade 12

Christian Marriage and Family

PHYSICAL EDUCATION and HEALTH DEPARTMENT**Physical Education****Grades 9-12**

Physical Education credits are fulfilled outside of school. Two hours per week of physical activity is required. Participation in interscholastic athletics fulfills P.E. requirements. Students are required to submit forms requesting credit for Physical Education. The activities listed on the form must be approved by the Guidance Department. All forms must be turned in to the Guidance Office by appropriate dates to obtain credits.

HEALTH**Health and Wellness (required)****Grade 9**

This health course provides information on health-related problems facing today's society. Topics include mental health, nutrition, tobacco, alcohol, drugs, family life, and infectious/non-infectious diseases. Students will learn to make healthy, informed decisions.

Driver's Education (required)**Grade 10**

This course is designed to produce safe, efficient and defensive drivers. Topics include physical/mental fitness, drugs, alcohol, traffic laws, driving environments, emergency situations, and defensive driving. The New Jersey State permit exam is administered in the classroom and results are accepted by the NJ MVC. At present, the New Jersey driver's manual is used.

First Aid/CPR/AED (required)**Grade 11**

Students learn the principles of First Aid and CPR with the automated external defibrillator (AED). Upon completion of course requirements, students have the option of paying for American Red Cross certification in adult and child CPR, AED and First Aid.

Christian Marriage and Family (required)**Grade 12**

The Christian Marriage and Family class covers such topics as College Preparedness, Singleness, Dating, Marriage, Stewardship, Communication, Parenting and Finishing Well. We use the Bible as our textbook and our point of reference. Other resources include books, articles, speakers and student presentations. An essential part of the course is the preparation and implementation of a lesson plan taught by the students relating to their topics. Students are responsible to articulate the lesson objective, essential questions and to integrate the following components: content, activities and assessments.

PHYSICAL EDUCATION and HEALTH ELECTIVES:**Fitness****Grades 9, 10, 11, 12**

Students will participate weekly in physical activities that develop the knowledge and skills needed to maintain healthy physically active lifestyles.

COURSES AVAILABLE BY GRADE LEVEL

TECHNOLOGY

Grade 9

Introduction to Computers

Grade 10

Computer Applications – Microsoft® Word and Excel

Grade 11

Computer Applications – Microsoft® PowerPoint and Publisher

Grade 12

Computer Applications – Microsoft® Office Suite and the Internet

Electives

Cyber Security

Microsoft® Office Certification

Web Design and Development

Introduction to Programming

TECHNOLOGY DEPARTMENT**Introduction to Computers****Grade 9**

This course is designed to provide students with the skills needed to use the computer as a tool for improving personal productivity. Students experience hands-on instruction in word processing, spreadsheet, and database programs. Significant events in the development of the computer and basic computer terminology will be discussed. Correct computer usage and maintaining personal integrity in the use of computers will be emphasized and practiced. Most significant computer applications and technologies in present use or being developed are discussed according to the interests and background of each class.

Computer Applications – Microsoft® Word and Excel®**Grade 10**

This course will take a look at two Microsoft® Office tools, Microsoft Word and Excel®. Word processing documents will be explored; such as business letters, tables, agendas, itineraries, and reports. More advanced documents will also be introduced. These advanced documents include multi-column documents, two-column reports and tables using the table feature. We will also take a look at some of the other features in Word such as graphics capabilities and draw tools. Microsoft Excel® will be used to introduce basic spreadsheet design and formulas. Spreadsheets can be very useful at home and in the business world. Timed writings will also be keyed every day in order to gain confidence on the keyboard and to increase typing speed.

Computer Applications – Microsoft® PowerPoint® and Publisher**Grade 11**

This course will continue to explore more in-depth features of desktop publishing software. Some of the more advanced documents we will create include newsletters, training manuals, and other business related documents. We will also use the desktop publishing software to duplicate items such as product labels and magazine covers. Microsoft PowerPoint® will then be introduced as our presentation software which will be used to create informative and eye-catching presentations. Lastly, HyperStudio software will be introduced and used to create informative multimedia projects.

Computer Applications - Microsoft® Office Suite and the Internet**Grade 12**

This course will cover more advanced work in multimedia software. We will also create web pages using two different pieces of software. Basic web design software will be covered including Adobe® Dreamweaver. HTML will be introduced as a way to gain a better understanding of how the INTERNET reads a web page. Students will also learn to use different pieces of hardware including scanners, digital cameras and digital camcorders. These pieces of hardware will be used to enhance movies created and edited by the students.

TECHNOLOGY ELECTIVES**Cyber Security****Grade 9-12**

The Cyber security Fundamentals Course is designed by the Air Force Association (AFA), CyberPatriot program to provide students with an insight into the importance of Cybersecurity and the integral role of Cybersecurity careers. The interactive images provide a dynamic learning experience where students explore foundational cybersecurity principles that range from topics that are vital to securing the modern enterprise. The topics include: security architecture, technical tools, physical security, attacks, incidents, standards and regulations, and emerging IT and IS technologies. No technical requirements are needed for this course, but true interest and the ability to follow instructions.

Microsoft® Office Certification**Grade 12**

This course allows students to master essential computer concepts, including input/output devices, file management, desktop applications, and computer privacy, in a hands-on simulated environment. Students will learn through dynamic observation, step-by-step practice, realistic simulated applications, and challenging review questions. They will have an opportunity to become certified in Microsoft® Office. This certification is valuable in obtaining on-campus jobs.

Web Design and Development**Grade 9-12**

This course provides a comprehensive introduction to the essentials of Web design, from planning page layouts to publishing a complete site on the Web. Through real-world design scenarios and hands-on projects, students create compelling, usable websites using the latest suite of free tools.

Introduction to Programming**Grade 9,10,11,12**

The course is an introduction to programming, using the Arduino microcontroller. The format of the course is focused on building projects where software integrates various sensors, motors and LEDs, with the Arduino. The course is designed to teach the basic elements of computer science which will provide a foundation for more advanced course work.

ELECTIVES

Music Electives

Vocal Ensemble
Worship Perspectives
Music Appreciation
Worship Leadership

Art Electives

AP Art History*
Drawing
Painting
Sculpture
Photography with Adobe® Photoshop®
Functional Design
Graphic Design (If technology is funded)

Practical Arts Electives

Introduction to Teaching Education
Home Economics: Cooking
Home Economics: Sewing
Jewelry Crafting
Fundamentals of Home Construction

Business Electives

Introduction to Accounting
Fundamentals of Beauty Culture
Real Estate Fundamentals
Marketing Fundamentals

AP (Advanced Placement)

*may require additional fees

MUSIC ELECTIVES**Vocal Ensemble**

Audition necessary. Classes focus on sight reading, theory, diction and repertoire.

Worship Perspectives

Worship has become a “genre” of music rather than our way of expressing God’s worthiness. This course is designed to help students understand that music is not the focus in worship but rather one of the many ways to express devotion to God and to lead others into deeper communion with Him. Students will begin to understand God’s role in their lives and their role in His plan with worshipping Him at the center of both. Songwriters will be inspired to write doctrinally sound songs that will engage congregations in times of worship.

Music Appreciation

This course introduces students to the history, theory, and genres of music. The course explores the history of music, from the surviving examples of rudimentary musical forms through to contemporary pieces from around the world. The first semester covers early musical forms, classical music, and American jazz. The second semester presents modern traditions, including gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip hop. The course explores the relationship between music and social movements and reveals how the emergent global society and the prominence of the Internet are making musical forms more accessible worldwide.

Worship Leadership

Today’s churches are filled with performers rather than those who seek to lead worship. This course is designed to give leaders and musicians all the necessary tools to successfully usher congregations into the unique presence of the Lord. Students will begin to understand their role on and off the platform. They will know the role of a worship leader and live worship as a lifestyle. They will lead worship effectively learning to “show” God so people can respond and develop the boldness to lead worship even in a “not so spiritually charged” environment.

ART ELECTIVES**Drawing**

Emphasis on basic and advanced drawing techniques using a variety of drawing materials.

Painting

Emphasis on color mixing, water color, acrylic, and painting methods.

Sculpture

Class will focus on additive, subtractive, and found sculpture techniques. Materials will include foam, wood, plaster, clay, found objects, carving tools. A field trip to learn pottery wheel and glazing will be incorporated.

Photography with Adobe® Photoshop®

Emphasis on methods for taking a good photograph with Adobe® Photoshop® program basics. This course will introduce users to the editing capabilities of Adobe® Photoshop® software. Students learn how to use the Adobe® Photoshop® interface and access its expansive set of features. Lessons cover the basics of saving and storing image files and defining the various processes used for image editing. By the completion of this Adobe® Photoshop® course, students will know how to use the paintbrush, airbrush, stamp, and pencil tools.

Functional Design

This class focuses on creating art that also serves a second purpose and is useful. Projects include: batik fabric dye, lamp making from found objects, tile coasters, linocut and printed cards, glass magnets, field trip to glass blowing studio where students create their own drinking glass, and more. This is a great art class for students who don't feel like they are skilled in other art classes.

AP Art History (The AP College Board test is mandatory)

This course is designed to prepare students for the AP Art History Exam. The course will be thematic, following different art movements from ancient to modern both western and non-western. The course will be split up into weekly units that include reading, homework, student activities, and a theme test. This course will go beyond memorization to a higher level of understanding. Students will learn the importance of cultural context such as religion, economics, political structure, function, and gender when studying different pieces of art. Students will gain skills in how to visually examine pieces of art to gain the most insight using speech and written analysis.

Graphic Design

This course will introduce students to graphic design principles. Students will gain experience in creative brainstorming, critical thinking, collaboration, presentation, and visual basics needed to create designs. Students will also gain experience and skills needed to use software essential to graphic design such as Adobe Photoshop and Illustrator. Throughout the course students will gain insights in to the graphic design career field and advice about pursuing further studies.

PRACTICAL ARTS ELECTIVES**Introduction to Teaching Education**

The gift of teaching is one that God gives to those He has called to the ministry of education. Enter the fascinating world of learning and discover the unique logic of young children. In this course, students will explore learning theories, interact with children, discover what it is like to have a learning disability, uncover their own learning styles, observe classroom activities, and create and implement a lesson.

Home Economics: Cooking

This course is an overview of basic skills. Different areas of focus are classroom study, laboratory experiences in all areas of Home Economics; teaching students how to cook, simple food preparation techniques, recipe reading, and occupational food service.

Home Economics: Sewing

Students will learn parts and safe use of a sewing machine. Students will sew a variety of projects using sewing machines and hand sewing.

Jewelry Crafting

Jewelry design is a hobby that allows you to create one-of-a-kind designs that can be sold at a profit, or given as gifts to friends and family. You will learn Beading and Wire Working techniques and how to create your own unique line of jewelry.

Fundamentals of Home Construction

This basic introductory course in home construction emphasizes correct and safe use of hand tools and materials, with power equipment usage as appropriate. Students are required to pass a safety test.

BUSINESS ELECTIVES***Introduction to Accounting***

This course covers the fundamentals of financial accounting, including double-entry accounting and the accounting cycle. Other topics include cash, receivables, inventories, plant assets, liabilities, partnerships, corporation, investments, statement of cash flows and interpretation of financial statements.

Fundamentals of Beauty Culture

This course will focus on the interpersonal skills necessary to pursue a career in cosmetology. Communication and presentation skills will be addressed through hair styling basics, nails, and makeup application.

Real Estate Fundamentals

This class will focus on the factors that drive the value of a property. Costs incurred during a residential real estate purchase will be covered. Problem-solving skills will be implemented when locating and assessing property values.

Marketing Fundamentals

This course is an overview of the important role that marketing plays in our economic system. Emphasis is on the effect of marketing on our economy; the consumer, industrial, and special markets; product research and development.

INTERNSHIP PROGRAM

Internships provide opportunities for students to gain experience in a field, determine if they have an interest in a particular career, create a network of contacts, and gain school credit. Our program is tailored to meet both the intern's calling and the ministry of the person for whom they will intern. Internships are open to all CCS high school students through an interview process. Placement is specialized and competitive. Students interested in this program should contact the Guidance Department for more information.

Requirements to be completed for Program Credit

1. Complete 100 hours in program.
2. Create a resume including the internship.
3. Student Evaluation completed and Evaluation Form submitted by Supervisor.