



FAITH CHRISTIAN

High School Course Descriptions

2021-2022



This symbol denotes College-level Honors, Advanced Placement (AP) and Dual-Credit courses

Course prerequisites, corequisites, considerations and fees are listed only when applicable to specific courses. For further information, see the *dual credit requirements* at the end of this document.

Bible Department

The Bible is the ultimate source of truth and is the inspired Word of God. It is the primary way in which we encounter God and come to know Him. We discover how to rightly relate to Him, Father, Son, and Holy Spirit, by means of the salvation offered through the incarnate Word, Jesus Christ. This belief in the truthfulness of the Bible is supported by such things as the witness of the Church universal throughout time including the earliest disciples who died for what they believed, the fulfillment of Biblical prophecy, scientific and archeological discoveries, and the integrity of the Scriptures as a whole.

The desired result is that each student consistently chooses to integrate Christ-like attitudes and actions in their lives.

Bible – Old Testament Survey

Grade: 9 (Required for all 9th graders)

Credit: 1.0 (Full year)

Objectives:

- Discover Christ's reality in each Old Testament book, in God's redemptive plan through the ages.
- Survey each Old Testament book, learn the main idea of each book, the chief characters and events in each book that support that idea, and applicable principles God has for our lives from each book.

Bible – Honors New Testament Survey (BIB-102)



Grade: 10 (Required for all 10th graders) Credit: 1.0 (year)

Considerations: College Level Course. This course provides the background, content, unity, and progression of the New Testament Scriptures. The student will capture an understanding of the life and ministry of Christ, the development of the Church and the unfolding of the New Covenant. The gospel books in the New Testament center around the character of Jesus. They tell of his life, ministry, death, and resurrection. His death and resurrection are the foundation of the Christian faith and therefore provide great importance and application to Christians' lives today. During this course we will take an in-depth look at the life of Jesus Christ, his followers, the First Century Church, letters to the churches of that time, as well as answer basic questions about the New Testament including its relevance to our lives today.

Objectives:

- Introduce students to the major themes and emphasis contained throughout the New Testament.
- Seek to provide a general understanding of the political, cultural, and religious conditions of the New Testament period.
- Introduce the various New Testament genres and their significance.
- Enable students to correctly interpret and apply the New Testament to a contemporary context.
- Examine the narrative and major themes contained within the New Testament.
- Examine the political, cultural, and religious context surrounding the New Testament literature.
- Demonstrate an understanding of the literary richness, creativity, and diversity within the New Testament.
- Examine the relevance of the early Church's literature.
- Apply the early Church's literature to our contemporary context.

Worldviews and World Religions

Grades: 11 (Required for all 11th graders) Credit: 0.5 (semester)

Objectives:

- Gain an understanding of the diverse, contemporary world.
- Become more effective witnesses with a deeper appreciation for their own faith.
- Examine Christianity, reflecting on and sharing our own spiritual journeys.
- Comprehend the two other major monotheistic religions of Judaism and Islam.
- Survey other theistic religions, beginning with the pseudo-Christian cults of Mormonism and Jehovah's Witness.
- Explore the major influential worldviews and world religions which rival the Christian story.
- Review the major pantheistic religions of Hinduism, Buddhism, and Animism.
- Summarize the essentials of each faith by examining the historical origin, religious writings, beliefs, and worship practices.
- Emphasize the ultimate concern, view of reality, basic human problem, and solution of each faith.
- As Christians, understand how we can build bridges and reach out to adherents of these other religions.

Bible – Honors Worldviews (PHL-205A)



Grade: 11 (Elective)

Credit: 0.5 (semester)

Considerations:

College-level course. The Worldviews Class is a Philosophy class designed to lead the student to an understanding and examination of the most prominent worldviews existing today. This examination will help the students determine the validity of each major worldview. Further, the student will come to a fuller understanding of his or her own worldview with the idea of integrating this into everyday life. Finally, the class presents a valid case for Christian Theism.

Objectives:

- Introduce students to the concept of worldview thinking.
- Present four worldviews that are prominent in the Western World.
- Examine the process of determining another person's worldview.
- Demonstrate the coherence and strength of the Christian worldview.
- Examine the connection between belief and behavior.

- Guide students in the process of dissecting worldview embedded in media.
- Analyze various worldviews from a biblical perspective.

Bible – Apologetics

Grade: 10 (Required for graduation)

Credit: 0.5 (semester)

Objectives:

- Examine the evidence for the central truths of Christianity: the nature of truth, the existence of God, the reliability of the Bible, the deity and resurrection of Christ.
- Explore each central truth in a simple and logical order.
- Engage in a non-technical style, to establish Christianity as more reasonable than all other belief systems and more rational than unbelief.
- Equip students with conversational skills to maneuver comfortably and graciously.
- Interact and respond gently to objections about the Christian faith.
- Understand Christian truth, and its relevance to all of life, to declare Christian truth with integrity, vigor, courage, and clarity.

Bible – Honors Apologetics (APL-100)



Grade: 11 (Elective)

Credit: 0.5 (semester)

Considerations:

College-level course. This course is an introduction to principles and methodologies of practical Christian apologetics. Multiple apologetic approaches will be identified, compared, contrasted, and evaluated as to their strengths and weaknesses.

Objectives:

- Teach students the definition of apologetics.
- Explain the biblical mandate for engaging in apologetics.
- Explore different approaches to apologetics.
- Examine the scope and limitations of apologetics.
- Equip students to articulate and defend their faith against major objections.
- Articulate the meaning and importance of apologetics.
- Explain the biblical mandate for apologetic interaction.
- Distinguish different approaches to apologetics.
- Describe the limitations of apologetics.
- Employ a rational defense of the Christian faith.

Bible – Foundations of Faith

Grade: 10 (Elective)

Credit: 0.5 (semester)

Objectives:

- Define, and then defend, the foundational doctrines of biblical Christianity through biblical, reasonable arguments and Christ-like living.
- Understand and defend doctrines such as the inerrancy of Scripture, the existence of God and His attributes, human beings, sin, imputation, the Person and works of Jesus Christ, the Trinity, the atonement, salvation, justification, sanctification, the end times and the eternal state.
- Consider the implications of each doctrine and make a defense against contemporary challenges.

Bible – Biblical Masculinity

Grade: 12 only (Elective for male students only) Credit: 0.5 (semester)

Objectives:

- Develop tools for young men to truly become men of God.
- Examine the lives of Christian men from Biblical times through modern history.
- Evaluate role models and witness miracles happening when a man is willing to surrender his life to the Lord.
- Explore the struggles every man faces as they try to live according to God's plan and walk in His will.
- Learn about responsibility in the home, the role of a man in the church, and the involvement of men in community leadership.
- Understand success in the workplace from a scriptural perspective.

Bible – Biblical Womanhood

Grade: 12 only (Elective for female students only) Credit: 0.5 (semester)

Objectives:

- Explore biblical womanhood and other gender-specific topics of relevance to young women.
- Examine biblical femininity, seeing women as image bearers of God with a unique role to fulfill in this world.
- Analyze women's core desires, explaining the effects of the fall on our ability to reflect God well in our world.
- Explain what it means to "guard our hearts" by letting Jesus fulfill our core desires.
- Investigate the life of freedom, prayer and power that Christ makes possible and calls us to live today.
- Create an in-depth presentation on a chosen biblical female role model and apply lessons from these women's lives to our own.

Bible – Honors Biblical Interpretation "PRISM" (BIB-230)

Grade: 11 or 12 Elective

Credit: 0.5 (semester)

Fee:

Payable to CCU if dual credit option is chosen - \$200/3.0 credit hours.

Prerequisite:

Old Testament/Gospels Survey; Bible – Acts/Epistles; Bible – Foundations of Faith

Objectives:

- Equip students with a set of lenses and tools to achieve a fuller and balanced understanding of God's written Word.
- Grasp why we believe God still changes the world through his Word.
- Develop skills to read the Bible.
- Examine the historical backgrounds of the books of the Bible, their textual features, and how our own 21st century contexts can influence how we read the Bible.
- Explore the difference Bible translations can make.
- Understand the role of the Holy Spirit in biblical interpretation to empower students with the tools and confidence to interpret God's Word, gleaning from both the difficult and familiar.

- Discern errors in reading and application from both Christians and skeptics alike.
- Hear God's voice through the Bible and faithfully apply biblical truths.

Bible – Theology in Modern Life

Grade: 11 or 12 Elective

Credit: 0.5 (semester)

Prerequisite:

None

Objectives:

- Explore how our theological positions affect our interaction with modern life in areas like identity, worth, missions, discipleship, our love for the lost, and our purpose.
- Explore the intersection of theology, critical thinking, and personal choice.
- Develop a wholistic biblical view of a given topic, weigh arguments, and consider the nature of valid biblical support for issues like sanctity of life, government, marriage, social unrest, the environment, war, terrorism, work as worship, and immigration.
- Explore the breadth of scripture to develop a foundational understanding of God, creation, and humanity.
- Examine how we, arrive at, and develop a personal theology.
- Examine how to speak to issues of our day, with wisdom and discernment, through dialog and debate, and express our beliefs with humility and respect.

Bible – Honors Theology in Modern Life (THE-201)

Grade: 11 or 12 Elective

Credit: 0.5 (semester)

Considerations:

College-level course. This course covers basic issues, themes, and categories of Christian theology. It leads students through a study of the fundamental teachings of the bible, encouraging students to better know, trust, love, and live by God's word.

Objectives:

- State key doctrinal truths concerning the word of God, God, man, Christ, the application of redemption, the church, and the future.
- Connect key doctrinal truths with specific supporting scripture verses.
- Apply interpretive skills for drawing proper theological conclusions from scripture to their own devotional reading and ongoing personal study of the bible.
- Demonstrate a clear biblical and theological understanding of their Christian responsibility for "good deeds" which positively influence culture.

Bible – Christianity Explored

Grade: 9 - 12 Elective

Credit: 0.5 (semester)

Prerequisite:

Admin Recommendation

Objectives:

- Understand that Christianity is about Christ (The Good News).
- Understand Jesus is the Christ, God's only chosen king and son (Identity).
- Understand Jesus came to cure our heart problem (Sin).
- Understand Jesus died to rescue us from sin, by taking the punishment we deserve (The Cross).
- Understand the resurrection proves that God accepted the ransom paid, that death has been beaten, and that Jesus will come back to judge everyone (Resurrection).
- Understand Jesus died to reconcile us to God, rescuing us from our sin by taking the punishment we deserve (Grace).
- Understand this grace is God's undeserved gift to us (Grace).
- Understand we must listen to Jesus and act on what we hear (Grace).
- Understand following Jesus is about service, not status and that we need to ask Jesus for mercy, not a reward (Grace).
- Understand we are called to repent (turn-around) and believe (Grace).
- Understand a follower of Jesus "must deny himself and take up his cross; but what is given up is nothing compared to what is gained (Come and Die).

Bible Department Pathways

Students would naturally follow one of three different Bible Pathways, based on their general comfort with the Bible and biblical topics.

- The **Christian Foundations** pathway would be a good guideline for students who have had little exposure to the subject of Bible in their academic careers and are looking for a good foundation on the gospel message and basic Christian doctrines.
- The **Christian Discipleship** pathway would provide the average high school student with a well-rounded Christian worldview curriculum.
- The **Christian Theology** pathway would provide an additional level of challenge for students who are comfortable with biblical instruction. This student should be prepared for a higher level of rigor and desire to stretch their understanding on applying Christian worldview concepts to their lives.

Bible Pathways	<u>Christian Foundations</u>	<u>Christian Discipleship</u>	<u>Christian Theology</u>
9 th Grade Courses	Christianity Explored Foundations of Faith	Old Testament Survey	Old Testament Survey
10 th Grade Courses	Old Testament Survey	New Testament Survey	Honors New Testament Survey (BIB-102) 
11 th Grade Courses	New Testament Survey	Apologetics Worldviews and World Religions	Honors Worldviews (PHL-205A)  Honors Apologetics (APL-100) 
12 th Grade Courses	Apologetics AND Worldviews and World Religions OR Biblical Masculinity / Biblical Womanhood OR Theology in Modern Life	Biblical Masculinity / Biblical Womanhood AND Biblical Interpretation OR Theology in Modern Life OR Foundations of Faith	Honors Theology in Modern Life (THE-201)  Honors Biblical Interpretation "PRISM" (BIB-230) 

English Department

The origins of the language arts discipline are found in our Creator because He is a communicating God and wants us to know His thoughts. Through His written Word, we see a world of absolute order and creativity. When we evaluate and interact with literature, we do so within a context wherein we recognize man's sinfulness and inherent need for God as well as God's answer of salvation and redemption through Christ. We should communicate excellence through the written and spoken word, so others are drawn to the Gospel as we spread His message of hope and deliverance. It is our duty to master the craft of composition to effectively carry out that mission.

English 9

Grade: 9

Credit: 1.0 (Full year)

Objectives:

- Improve reading, writing, listening, thinking, and speaking skills through a variety of activities and assignments.
- Learn the mechanics necessary to write and speak effectively and use effective communication.
- Examine structure and elements of literature.
- Utilize literature as a tool for understanding and expressing morals.

Advanced English 9

Grade: 9

Credit: 1.0 (Full year)

Prerequisite:

Both semesters, earn 80% or higher in Advanced Language Arts 8 or a 90% or higher in regular Lang Arts 8 and closely follow the recommendations from the MS. Transfer students must also score at a 75% or higher on a written essay from a standard prompt.

Objectives:

- Prepare students for the Honors English track of Advanced English 10, and Honors 11 & 12.
- Build on a strong foundation of reading, writing, speaking, and listening skills.
- Increase thinking skills through communication.
- Follow a significantly faster pace than English 9.
- Incorporate and supplement with advanced material.

English 10

Grade: 10

Credit: 1.0 (Full year)

Objectives:

- Build a foundational knowledge of various literary terms, genres, and forms of literary analysis.
- Prepare students to improve both their reading comprehension and analysis skills.
- Explore multiple literary classics and analyze and evaluate the authors' use of literary devices and elements within those works.
- Provide students with opportunities to review and expand their knowledge of vocabulary, grammar, usage and punctuation.

Advanced English 10

Grade: 10

Credit: 1.0 (Full year)

Prerequisite:

Need to earn 80% (both semesters) or higher in Advanced English 9 or 90% or higher in regular English 9. Placement based on recommendations from the prior English teacher.

Considerations:

Summer reading and work must be completed prior to the start of school in August, or the student will be placed in regular English 10.

Objectives:

- Provide students with the skills needed to excel in literary analysis, an essential for students desiring to advance to Honors English 11 and Honors English 12.
- Explore multiple literary classics and analyze and evaluate the authors' use of literary devices and elements within those works.
- Enable students to "bridge" from the world of "one correct answer" into the world of critical analysis.
- Provide students with opportunities to review and expand their knowledge of vocabulary, grammar, usage, and punctuation.

English 11

Grade: 11

Credit: 1.0 (Full year)

Objectives:

- Survey American literature using a thematic and chronological analysis.
- Study major American authors, works, and themes.
- Review and expand on composition, grammar, and vocabulary skills.
- Internalize skills to think, read, speak, and write interpretively about literature in intelligent and sophisticated ways.
- Prepare for more rigorous high school and college classes.

Honors English 11 Language and Composition (ENG-102)



Grade: 11

Credit: 1.0 (Full Year)

Fee:

Payable to CCU if dual credit option is chosen - \$200/3.0 credit hours: AP Exam option available.

Prerequisite:

Both semesters earn 80% or higher in Advanced English 10 or 90% or higher in regular English 10. Placement based on recommendations from the 10th grade English teacher.

Considerations:

College-level course. Summer reading and work must be completed prior to the start of school in August, or the student will be placed in regular English 11.

Objectives:

- Familiarize students with the rhetorical tools utilized by writers in a variety of non-fiction literature.
- Study rhetorical modes, incorporating some significant works from American literature.
- Enable thinking, reading, speaking, and writing interpretively about literature in intelligent and sophisticated ways.
- Prepare for rigorous high school and college classes.

English 12

Grade: 12

Credit: 1.0 (Full year)

Objectives:

- Examine the elements of British literature and how it relates to our modern Christian worldview.
- Emphasis on lifetime writing skills.

Honors English 12 Literature and Composition (ENG-201)

Grade: 12

Credit: 1.0 (Full year)

Fee:

Payable to CCU if dual credit option is chosen - \$200/3.0 credit hours: AP Exam option available.

Prerequisite:

Passing grade in Honors English 11 with a 75% or higher.

Considerations:

College-level course. Summer reading and work must be completed prior to the start of school in August, or the student will be placed in the regular English 12 class.

Objectives:

- Challenge students intellectually with a rigorous level of reading and writing assignments.
- Study British literature, to improve the skills of careful reading, critical interpretation, and clear writing.

Integrated English I, II

Grades: 9, 10

Credit: 1.0 (Full year)

Prerequisite:

Must have administrative approval. The Integrated English courses are for students requiring additional support.

Objectives:

- Alternative presentation of subject material and/or smaller sized classes.
- The same objectives and materials are covered as in the traditional English 9 and English 10 courses.

Journalism/Creative Writing

Grades: 9, 10, 11, 12

Credit: 0.50 (semester)

Prerequisite:

Previous experience in journalism and/or approval of instructor.

Considerations:

Class enrollment is limited. This course requires some outside class time and high responsibility on the student's part.

Objectives:

- Utilize strong writing skills.
- Leverage an interest in journalistic writing.
- Produce the school newspaper.

Math Department

Mathematics encompasses nearly every aspect of life. Through the appropriate biblical integration of math, students should see the character of God Himself as the God of order. Learning mathematical principles develops critical thinking, problem solving, reasoning, and evaluation skills - all important tools for making wise use of God's creation. Math is an opportunity to study God's perfect work and nature and His precision. We encourage students to apply the gifts that God has given them to work heartily as unto the Lord and to make an impact on society for God's kingdom. As future mathematicians, scientists, and engineers, we encourage our students to be accurate and orderly in their use of weights, measures, and numbers. Mathematical study in a God-focused environment will develop hearts of praise and thanksgiving for God's goodness as Creator.

All Math Pathways are pre-collegiate. Honors classes are collegiate level and have the potential to earn Dual-credit in college. Math Pathways are in alignment with the Colorado Math Pathways defined by the Colorado Department of Higher Education. Quantitative Thinking Path presents concepts sequentially with some word problems. Statistics Path follows a spiral curriculum with increased word problems. Calculus Path is a spiral curriculum, increased word problems and working above one, or more, grade levels.

Math Pathway	<u>Quantitative Thinking Path</u>	<u>Statistics Path</u>	<u>Calculus Path</u>
Grade Level	On-Grade Level	Advanced Courses On-Grade Level	Advanced Courses Above-Grade Level
Intended College Majors	Arts & Humanities majors	Social & Behavioral Sciences majors	Engineering/STEM, Health Sciences and some Business majors
9 th Grade Courses	Algebra I (Bob Jones University Press)	Advanced Algebra I (Saxon)	Advanced Geometry (Saxon)
10 th Grade Courses	Geometry (McDougal-Littel)	Advanced Geometry (Saxon)	Advanced Algebra II (Saxon)
11 th Grade Courses	Algebra II (Bob Jones University Press)	Honors Advanced Algebra II (MAT 111) (Saxon)	Honors Calculus AB  (Saxon) OR Trig/Precalculus (Bob Jones University Press)
12 th Grade Courses	Trig/Precalculus (Bob Jones University Press) OR Honors Statistics  (Houghton Mifflin) OR Consumer Math (Bob Jones University Press)	Trig/Precalculus (Bob Jones University Press) OR Honors Calculus AB  (Saxon) OR Honors Statistics  (Houghton Mifflin)	Honors Calculus AB  (Saxon) OR Honors Calculus BC  (Saxon) OR Honors Statistics  (Houghton Mifflin)

Algebra I

Grades: 9, 10

Credit: 1.0 (Full year)

Prerequisite:

Pre-Algebra or Middle School equivalent.

Considerations:

Algebra I is taught from a more traditionally organized textbook and is intended to meet the algebra requirement for high school graduation. It may be used as a prerequisite for Geometry and Algebra 2, but not for courses in the advanced math series.

Objectives:

- Practice the basic concepts and properties of algebra.

Geometry

Grades: 11, 12

Credit: 1.0 (Full year)

Prerequisites:

Algebra I or Advanced Algebra I

Objectives:

- Study key mathematical ideas of proof, congruence, and similarity.
- Examine problems in new and creative ways to enhance logical thinking ability.

Algebra II

Grades: 10, 11, 12

Credit: 1.0 (Full year)

Prerequisites:

Algebra I

Considerations:

Algebra II is organized by topics and major objectives. In order to be successful in this course, it is recommended that the student have attained a C or better average in Algebra I.

Objectives:

- Practice of concepts from Algebra I to expand the student's grasp of algebraic topics.

Trig/Precalculus

Grades: 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Algebra II or Advanced Algebra II

Objectives:

- Introduce and comprehend key concepts in preparation for calculus.
- Review core algebra topics.
- Emphasize trigonometry, and mathematical modeling of real-world settings.

- Explore limit theory, regression analysis, rates of change, linear and quadratic equations, relations and functions, exponential, power, rational logarithmic and logistic functions, transformations, systems of equations and inequalities, trigonometry, sequences, and series.
- Examine analytic geometry in three dimensions through conic sections, matrices, vectors, and polar coordinates.
- Demonstrate real-world applications of advanced mathematics.

Consumer Math

Grades: 11-12

Credit: 1.0 (Full year)

Prerequisite:

Grade 11 must have administrative approval.

Objectives:

- Survey financial transactions encountered in life, starting with budgeting, and earning money to purchase food, clothing, cars, and houses.
- Focus on stewardship of what God has given us.
- Explore areas including income, budgeting, personal banking, borrowing money, transportation, food, clothing, housing, insurances, taxes, and vacation.

Advanced Algebra I

Grades: 9

Credit: 1.0 (Full year)

Prerequisite:

A minimum of an 80% average in Saxon Pre-Algebra (Course 3 at FCMS)

Considerations:

Credit and grades from Algebra I taken in 8th grade will be reflected on a student's high school transcript. Fall Semester test grades will be used to determine Spring Semester continuation in this course.

This course is a prerequisite for the advanced math series including Advanced Geometry, Advanced Algebra II, Calculus, and AP Calculus.

Objectives:

- Examine the fundamentals of algebra and introductory problem solving.
- Emphasis on frequent introduction of small concepts and continuous review.

Advanced Geometry

Grades: 9, 10

Credit: 1.0 (Full year)

Prerequisite:

Advanced Algebra I with a minimum of an 80% average or administrative permission.

Objectives:

- Examine perspective, space, and dimension associated with practical and axiomatic geometry.
- Apply and calculate measurements of lengths, heights, circumference, areas, and volumes.
- Introduce trigonometry and allow students to work with transformations.
- Use logic to create proofs and constructions and work with key geometry theorems and proofs.

Honors Advanced Algebra II (MAT 111)

Grades: 10, 11

Credit: 1.0 (Full year)

Students master the fundamentals of problem solving and Algebraic processes, are introduced to Trigonometry and begin the study of Precalculus. At the successful conclusion of this course a student is prepared to take Calculus AB.

Prerequisite:

Advanced Geometry with a minimum of an 80% average or administrative permission.

Objectives:

- Study the fundamental concepts of Algebra with the topics covered to include linear functions, polynomial functions, rational and radical functions, quadratic functions, exponential functions, logarithmic functions, and conic sections.
- Study trigonometry in preparation for Calculus.

Honors Statistics (MAT-212)



Grades: 11, 12

Credit: 1.0 (Full year)

Fee:

Payable to CCU if dual credit option is chosen -\$200/3.0 credit hours

Prerequisite:

Algebra II with a minimum of an 80% average or administrative permission.

Considerations:

College-level course.

Objectives:

- Provide students with an introduction to the essentials of statistics.
- Examine probability theory, binomial and normal distribution, estimation, and hypothesis testing.
- Explore the links between statistics and real-world applications.

Honors Calculus AB (MAT-141)



Grades: 11, 12

Credit: 1.0 (Full year)

Fee:

Payable to CCU if dual credit option is chosen -\$200/4.0 credit hours, AP Exam option available.

Prerequisite:

Advanced Algebra II or Precalculus with a minimum grade of 80% or administrative approval

Considerations:

College-level course.

Objectives:

- Introduce Calculus concepts.
- Examine limit theory, the derivative, the integral, and application of the derivative and integral.

- Prepare students for Honors Calculus BC or a college level Calculus course.

Honors Calculus BC (MAT-241)



Grades: 12

Credit: 1.0 (Full Year)

Fee:

Payable to CCU if dual credit option is chosen -\$200/4.0+ credit hours; AP Exam option required - \$100 fee.

Prerequisite:

80% or higher in Honors Calculus AB or permission from the Honors Calculus AB instructor.

Considerations:

College-level course.

Objectives:

- Present topics covered in the first two semesters of college calculus.
- Examine the more difficult material from Honors Calculus AB.
- Introduce new concepts such as sequences, power series, parametric equations, and the calculus of polar graphs.
- Completion of the Calculus BC Exam in May is required with the opportunity to receive between 8 and 16 semester hours of credit at various colleges and universities.

Science Department

God is the Creator of the Universe and actively involved in the physical world. There is order and purpose in His creation because He has set physical and spiritual laws in motion and continues to remain sovereign over His creation. His purposeful design can be seen through every natural process. As students begin to view all of life through the eyes of faith, we invite them to see evidence of God’s power, wisdom, beauty, and love all around them. Science is an investigation of the workings of God’s creation. We are challenged to understand this created physical world and the scientific process by which this knowledge is discovered and communicated. Science is coming to understand both the body of knowledge through problem-solving and inquiry. He commands us to “rule” over creation by learning to take care of it. Critical thinking helps us to incorporate His purposeful design into a student’s worldview and demonstrating the ability to utilize thinking skills into their work. As a result, Science is a process of coming to logical conclusions through reasoning from observed evidence.

Some science courses parallel courses in the Math pathways.

Science Pathway	<i>Arts & Humanities Path</i>	<i>Social & Behavioral Sciences Path</i>	<i>Engineering/STEM, Health Science & some Business majors Path</i>
Grade Level	<i>On-Grade Level</i>	<i>Advanced Courses On-Grade Level</i>	<i>Advanced Courses Above Grade Level</i>
8th Grade	8 th grade Science	8 th grade Science OR Adv Science 8 (Earth Systems Science)	Earth Systems Science (for HS credit, strongly recommend 3 or more credits during 9-12)
9th Grade	Earth Systems Science	Earth Systems Science OR Biology	Biology
10th Grade	Biology	Biology OR Applied Chemistry or Honors Chemistry* 	Honors Chemistry* 
11th Grade	Applied Chemistry Honors Chemistry* 	Applied Chemistry Honors Chemistry*  Marine Biology Physics Honors Human Anatomy & Physiology	Physics Honors Human Anatomy & Physiology 
12th Grade	<i>No additional Science required after 3 credits:</i> Applied Chemistry Honors Chemistry*  Marine Biology Physics Honors Human Anatomy & Physiology 	<i>No additional Science required after 3 credits:</i> Applied Chemistry Honors Chemistry*  Marine Biology Physics Honors Human Anatomy & Physiology 	<i>No additional Science required after 3 credits:</i> Physics AP Physics**  Honors Human Anatomy & Physiology 

*Alg 2/Adv Alg 2 required, concurrent acceptable

** Calculus required

Earth Systems Science

Grade: 9th grade

Credit: 1.0 (Full year)

Considerations:

Earth Systems Science is required for all 9th grade students.

Objectives:

- Emphasize the scientific aspects in analyzing our environment.
- Analyze a variety of topics such as how ecosystems work and how living organisms' function within their surroundings to achieve an environment that sustains life.
- Evaluate, from a biblical perspective, how a balanced understanding of environmental stewardship impacts economic and ethical decisions.
- Explore how human behavior impacts the earth's environments, and how those changes affect both our local and global world.
- Analyze various forms of energy production and the potential challenges each form of energy production presents.

Biology

Grade: 9th and 10th graders who meet the prerequisite

Credit: 1.0 (Full year)

Prerequisites:

80% or higher grade in Earth Systems Science, or equivalent course, and Algebra I.

Objectives:

- Survey the taxonomic aspects of general biology.
- Investigate life from the smallest living unit, the cell, to the complex workings of the human body.
- Use a variety of hands-on techniques.
- Explore topics such as heredity, cellular respiration, bacteria, fungi, and animal anatomy and physiology.

Applied Chemistry

Grades: 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Biology

Considerations:

Applied Chemistry is for students who would like an introductory chemistry course but do not wish to pursue a science-related career in life. The course will help prepare college-bound students pursuing non-science fields.

Objectives:

- The foundation for a basic understanding of inorganic, organic, and nuclear chemistry is presented in a less traditional and less math-intensive manner.
- Explore a descriptive and practical approach to chemistry concepts and concentrate on the ways in which chemical processes affect our everyday experience.

Honors Chemistry (CHM-121/131)

Grades: 10, 11, 12

Credit: 1.0 (Full year)

Fee:

Payable to CCU if dual credit option is chosen -\$200/5.0 credit hours.

Prerequisite:

Passing grade of 80% in both Biology and Advanced Algebra I.

Corequisite:

Advanced Algebra II

Considerations:

College-level course. Chemistry is a traditional junior-level course designed to prepare students for entrance into college chemistry courses and is a must for those students interested in science and health-related careers. The course is the equivalent of a first semester college chemistry course and students that retain mastery of the material should be able to enter the second semester of college chemistry class with approval of the university.

Objectives:

- Understand the fundamental concepts of chemistry.
- Evaluate and refine critical thinking skills.
- Memorize chemicals, measurements, and calculations.
- Apply mathematical skills to events observed in laboratory operations.
- Solve complex word problems.

Marine Biology

Grades: 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Passing grade in Biology.

Considerations:

This course is a hands-on exploration designed to acquaint students with the basics of marine biology. Specific areas of study will encompass life in the marine environment, fundamentals of oceanography, marine ecology, and humans' interactions with the sea.

Objectives:

- Explain the scope and methodology of marine science and the role that scientific investigations play in searching for a scientific understanding of the sea.
- Apply the basic principles of biology to aquatic organisms.
- Classify the marine prokaryotes, protists, fungi, plants, the major invertebrate and vertebrate phyla of marine animals and fish.
- Summarize the characteristics of marine vertebrates and describe their adaptations.
- Describe the geology and structure of the ocean basins and the aspects of various aquatic environments.
- Describe the physical and chemical properties of seawater.
- Explain the physical factors that affect waves, tides, and currents.
- Summarize the basic principles of marine ecology.

- Explain how the most significant physical factors influence subtidal communities and how intertidal organisms meet their environment's physical demands.
- Explain the dynamic interactions of coral reef and estuarine systems.
- Explain the dynamic properties and characteristics of the epipelagic, mesopelagic, and deep-ocean ecosystems.
- Explain how humans use resources and impact the marine environment.

Physics

Grades: 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Passing grade in Chemistry. Recommended grade of 80% or higher in Algebra II OR Advanced Algebra II; exceptions require instructor approval.

Considerations:

This course is designed to prepare the student for an introductory college level physics course. Students who take Physics are those who want to take further Physics courses in college. This course is intended for students who would like an introduction to Physics who may not necessarily want to major in science or engineering in college.

Objectives:

- Explore the mechanics of motion, energy and momentum, rotational motion, sound, light, waves, electricity, and magnetism.

AP Physics C

Grade: 12

Credit: 1.0 (Full year)

Fee:

\$100 for AP Exam required

Prerequisite:

Passing grade in both Biology and Chemistry. Recommended grade of 80% or higher in both Biology and Chemistry; exceptions require instructor approval. Passing grade of 80% or higher in Honors Calculus AB.

Considerations:

- College-level course. This course is intended for those who are interested in science or engineering as a possible major in college. Computer use for lab reports is required. All students are required to take the AP Exam in May.

Objectives:

- Examine classical topics in mechanics (including rotational topics), and if time allows electromagnetism and some electricity and magnetism.
- Learn through lectures, demonstrations, lab work and problem-solving discussions.
- Evaluation is based on the performance of individual laboratory work and performance in answering questions and solving problems.

Honors Anatomy & Physiology (BIO-201/211)

Grades: 11, 12

Credit: 1.0 (Full year)

Fee:

Payable to CCU if dual credit option is chosen -\$200/4.0 credit hours (8.0 credit hours total)

Prerequisite:

Recommend passing grade of 80% in both Biology and Chemistry.

Considerations:

College-level course. This course is designed to be an upper-level science for the student interested in pursuing a career in a health/medical field.

Objectives:

- Study the homeostatic mechanisms and the structures of the body.
- Explore chemical and cellular structures, their organization, tissues, the integumentary, muscular, nervous, sensory, cardiovascular, endocrine, urinary, electrolyte, and reproductive systems, along with human development and genetics.

History Department

History requires an understanding of God's sovereignty, love for His creation, and the correct perception of human nature. We emphasize God's control over all events, past and future. It is a study of events through a biblical worldview with God, who has planned and directed all events to establish Christ's kingdom on earth. Our history records mankind's attempts to live out the Creation Mandate which commands humankind to "rule" over creation by learning to take care of it in a fallen world. The study of history also addresses our responsibilities for developing citizenship in a Christian community, cultural identity, and awareness of a global world and people. We study examples of both positive and negative examples as God has worked through people throughout history. Through this biblical perspective, students learn that humanity is fallen and how God's redemptive acts are focused on rescuing His people and to draw them to Himself.

World History

Grades: 9, 10

Credit: 1.0 (Full year)

Objectives:

- Examine the whole history from a Christian perspective, using the Bible as the lens through which students explore God's providence in the affairs of men.
- Explore each of the major eras such as the ancient world, eastern world, medieval, awakening and enlightened European, and Modern worlds.

AP Human Geography

Grades: 10, 11, & 12

Credit: 0.5 (semester)

Objectives:

- Examine the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface.
- Employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences.
- Understand the methods and tools geographers use in their research and applications.

US History

Grades: 10, 11

Credit: 1.0 (Full year)

Prerequisite:

Western Civilization/World Geography, (World History beginning 2021-2022)

Objectives:

- Survey American history from the Constitution to the present.
- Examine the foundation of America spiritually, politically, and culturally.
- Explore the development of the nation as it writes and interprets the Constitution through the events and crises of the Eighteenth and Nineteenth Centuries.

American Government

Grades: 11, 12

Credit: 0.5 (semester)

Prerequisite:

Western Civilization/World Geography and World History beginning 2021-2022.

Considerations:

The course is usually taken the opposite semester of Economics.

Objectives:

- Cover a working knowledge of the branches of the US government and an understanding of how government affects the lives of people daily.
- Review the legislative process, the judicial system, the Constitution, executive authority, and politics.
- Participate in simulation activities to understand how the government works.

Economics

Grades: 11, 12

Credit: 0.5 (semester)

Prerequisite:

Western Civilization/World Geography and World History beginning 2021-2022.

Considerations:

This course is designed to provide students with a general overview of the US economy and the principles of a market or free enterprise system. The course is usually taken the opposite semester of American Government.

Objectives:

- Understand how our economy works and how changes in any one area of the economy affect the whole economy.
- Study topics in personal finance using material from Dave Ramsey's Financial Peace University course written specifically for teens (approximately 50% of course).

Honors American Government (POL-207) *

Grades: 11, 12

Credit: 0.5 (semester)

Fee:

Payable to CCU if dual credit option is chosen -\$200 /3.0 credit hours, AP Exam option available.

Prerequisite:

A teacher recommendation required.

Considerations:

College-level course.

Objectives:

- Comprehensive study of the structure and function of government and politics in America.
- Study of individual ideology and participation in government.
- Prepare students to be effective citizens.

Honors US History (HIS-205/HIS-206) *

Grades: 11, 12

Credit: 1.0 (Full year)

Fee:

Payable to CCU if dual credit option is chosen -\$200 each semester/3.0 credit hours, AP Exam option available.

Prerequisite:

A teacher recommendation required.

Considerations:

- College-level course. Survey of American history is presented from a Christian perspective. Students will need solid reading and writing skills, a willingness to devote time to homework and study, self-motivation and organization skills. Emphasis is placed on critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography.

Objectives:

- Explore the principles of the founding of the US, and the political, economic, intellectual, cultural, and religious traditions that have shaped America.
- Examine US history from the formative years of the US Republic to the present.

Honors Psychology (PSY-101)

Grades: 11, 12

Credit: 0.5 (Semester Elective)

Fee:

Payable to CCU - \$300 /3.0 credit hours, Student must purchase textbook.

Considerations:

College-level course

Objectives:

- Understand the basic concepts in psychology that analyze human behavior.
- Delve into the fundamentals of psychology including the history, science, approaches, and research in psychology.
- Introduce biology as it relates to human psychology including genetics, the nervous system, sensation and perception, and developmental psychology.
- Understand the psychology behind cognition, memory, learning, and motivation as well as social psychology.
- Examine the psychological effects that impact everyday life such as consciousness and sleep, stress and health, personality, psychological disorders, and therapy and treatment.

World Languages Department

God originated languages and has control over man's ability to speak and understand other languages. Obedience to the commands of the Lord require going to people of all languages. We strive to teach the importance of learning a language, to unite us and build relationships with other God-ordained people groups across the world. Additionally, our college-prep language program fully prepares students for college-level language through an interactive yet rigorous academic curriculum.

French I

Grades: 9, 10, 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Ninth grade students wishing to take French I must have an 85% or higher in 8th grade English.

Considerations:

During this first introductory course, students acquire a foundation in French grammar and vocabulary. A 70% average or higher is required to advance to the next semester or next level of French.

Objectives:

- Train skills in listening, reading, writing, and speaking the target foreign language.
- Demonstrate the ability to pronounce the language using a French phonics curriculum.

French II

Grades: 10, 11, 12

Credit: 1.0 (Full year)

Prerequisite:

A 70% average or better in French I. Students new to Faith Christian Academy must have a 70% or higher on the French Placement Test.

Considerations:

A 70% average or higher is required to advance to the next semester or level of French.

Objectives:

- Learn different verb tenses and an expanded vocabulary increasing ability to communicate in French.
- Explore the French culture through a variety of activities to deepen appreciation.
- Develop advance knowledge and proficiency through reciting poetry, dialogues, plays, and songs.

French III

Grades: 11, 12

Credit: 1.0 (Full year)

Prerequisite:

A 70% average or better in French II by reading and discussing short stories and short novels. Students new to Faith Christian Academy must have a 70% or higher on the French Placement Test.

Considerations:

A 70% average or higher is required to advance to the next semester or next level of French.

Objectives:

- Study the subjunctive to understand literary works and express themselves in a grammatically correct manner.
- Verbal proficiency is enhanced through expanded vocabulary, dialogue practice, and plays.
- Increase communication skills to the point at which a native could understand them.

French IV

Grade: 12

Credit: 1.0 (Full year)

Prerequisite:

A 70% average or better in French III. Students new to Faith Christian Academy must have a 70% or higher on the French Placement Test.

Considerations:

French level IV is an advanced course in French to prepare students who may wish to continue in the study of French at the University level. This advanced course is offered based on demand.

Objectives:

- Study modern French literature.
- Expand in-depth critical writing skills.
- Weekly practice of the grammar and listening skills.
- Demonstrate a firm grasp of French grammar and good basic speaking and listening skills.

Spanish I

Grades: 9, 10, 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Ninth grade students wishing to take Spanish I must have an 85% or higher in 8th grade English.

Considerations:

During the first year, students acquire a foundation in Spanish grammar and vocabulary. A student must pass the Fall Semester with a 70% or better to continue in the Spring Semester. A 70% average or higher is required to advance to the next semester or next level of Spanish.

Objectives:

- Practice Spanish skills in listening, reading, writing, and speaking.

Spanish II

Grades: 10, 11, 12

Credit: 1.0 (Full year)

Prerequisite:

A minimum of a 70% average in Spanish I. Students new to Faith Christian Academy must have a 70% or higher on the Spanish Placement Test.

Consideration:

A 70% average or higher is required to advance to the next semester or next level of Spanish.

Objectives:

- Expand Spanish listening, speaking, reading, and writing skills.
- Improve conversational ability through a variety of oral and written activities.

Spanish III

Grades: 11, 12

Credit: 1.0 (Full year)

Prerequisite:

A 70% average or better in Spanish II. Students new to Faith Christian Academy must have a 70% or higher on the Spanish Placement Test.

Consideration:

A 70% average or higher is required to advance to the next semester or next level of Spanish.

Objectives:

- Review all concepts taught in Spanish I and II.
- Practice the skills of Spanish listening, speaking, and writing.
- Read and discuss short stories and short novels.
- Increase communication skills so a native language speaker could understand them.
- Study the subjunctive.
- Understand literary works and communicate in a grammatically correct manner.
- Enhance verbal proficiency through expanded vocabulary, dialogue practice, and plays.

Spanish IV

Grades: 11, 12

Credit: 1.0 (Full year)

Prerequisite:

A 70% average or better in Spanish III. Students new to Faith Christian Academy must have a 70% or higher on the Spanish Placement Test.

Consideration:

A 70% average or higher is required to advance to the next semester or next level of Spanish.
This advanced course is offered based on demand.

Objectives:

- Study modern Spanish literature.
- Expand in-depth critical writing skills.
- Weekly practice of the grammar and listening skills.
- Demonstrate a firm grasp of Spanish grammar and good basic speaking and listening skills.

Fine Arts Department

Through music, drama, and the fine arts, we will bring worship and glory to God through expression in the fine arts. As students worship God through the arts, they will discover that God is the ultimate source of creativity in every art form. Students will realize as they participate in these forms of expression, that they can affect the world for Christ by revealing His Word and communicating His truth. In this way, students will gain an appreciation for and readily recognize truly fine art in all forms.

Art I

Grades: 9, 10, 11, 12

Credit: 1.0 (Full year)

Objectives:

- Learn the fundamentals of art beginning with drawing as a foundation for all other media.
- Experiment with various materials and study examples through art history.
- Gain an appreciation for art.

Art II

Grades: 10, 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Art I (two semesters)

Objectives:

- Pursue the media of their choice while completing unique projects.
- Understand art at a deeper level.
- Emphasis on greater specialization of technique.

Art III

Grades: 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Art II (two semesters)

Objectives:

- Experiment and concentrate on specific subject matter and media.
- Develop their own artistic style.
- Explore and discuss the philosophical and spiritual concepts within art.

Advanced Art I

Grades: 12

Credit: 1.0 (Full year)

Prerequisite:

A minimum of 3.0 credits in Art I, II, III. Instructor approval required.

Considerations:

- Class enrollment is limited. This is program open to seniors only. Advanced Art II is an option for students who have met all the prerequisites to take Advanced Art I as a junior, instructor approval required.

Objectives:

- Create a portfolio with a minimum of eight works in a wide and diverse range of mediums.
- Evaluation of strongest work.
- Create a presentation on art history, medium technique, or an artistic style.

Pottery I

Grades: 10, 11, 12

Credit: 1.0 (Full year)

Prerequisite:

None

Considerations:

Class enrollment is limited.

Objectives:

- Explore the techniques of hand building, wheel throwing, and combinations of both techniques.
- Experiment with, and learn, various glazing and staining techniques in addition to kiln operations.

Pottery II

Grades: 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Pottery I or meeting with instructor if transfer student.

Considerations:

Class enrollment is limited.

Objectives:

- Develop techniques introduced in Pottery I.
- Explore individual forms to challenge ability and thinking.
- Execute more difficult forms.

Textile Arts

Grades: 9, 10, 11, 12

Credit: 0.5 (semester)

Considerations:

Class enrollment is limited.

Objectives:

- Introduce basic textile concepts.
- Learn basic sewing skills and gain an introduction to color theory.
- Learn to plan and budget for sewing projects.
- Participate in two field trips to the fabric store to purchase their own supplies.
- Create a project for each unit, including a charity project.

Advanced Textile Arts

Grades: 10, 11, 12

Credit: 0.5 (semester)

Prerequisite:

Passing grade in Textile Arts with at least a B.

Considerations:

Class enrollment is limited.

Objectives:

- Continue development of techniques introduced in Textile Arts.
- Create a variety of garments including one using advanced garment construction techniques.
- Experiment with a wide variety of fiber manipulation techniques.

Yearbook

Grades: 9, 10, 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Previous experience in yearbook, and/or approval of instructor.

Considerations:

Class enrollment is limited. Students are enrolled in this course for the full year. Mid-year drops will not be permitted due to the team nature of producing the yearbook.

Objectives:

- Produce the school yearbook.
- Learn journalism techniques, design skills, and Photoshop methods to assist with the development of the yearbook.

Band

Grades: 9, 10, 11, 12

Credit: 1.0 (Full year)

Fee:

Purchase of formal attire required, additional trip costs.

Objectives:

- Prepare for public performance.
- Participate in pep band at athletic events.
- Perform at school chapels, public concerts, churches, music contests and festivals.

Jazz Band

Grades: 9, 10, 11, 12

Credit: 0.5 (Full year)

Fee:

Purchase of formal attire required.

Prerequisite:

Audition is required.

Considerations:

This course meets during Access.

Objectives:

- Further develop musicianship.
- Involvement in an ensemble to perform Jazz and stage music.
- Learn transposition and improvisational skills used in Jazz music, church orchestras and worship bands.

Concert Choir

Grades: 9, 10, 11, 12

Credit: 1.0 (Full year)

Fee:

Purchase of formal attire required, additional trip costs.

Considerations:

Open to anyone who wants to sing but they must have the ability to match pitch.

Objectives:

- Train vocalists to perform together in a choral setting.
- Demonstrate ability to understand fundamentals of music theory through various worksheets and theory quizzes.
- Practice music covering a wide range of musical styles and periods with an emphasis on sacred texts.
- Participate in required performances, including four school concerts, and the Faith Christian Spring Celebration.

Women's Choir ("Sweet Harmony")

Grades: 9, 10, 11, 12

Credit: 1.0 (Full year)

Fee:

Purchase of formal attire required, additional trip costs.

Prerequisite:

Audition required.

Objectives:

- Develop performance with expression and technical accuracy using a large and varied repertoire of choral music literature.
- Demonstrate the ability to understand fundamentals of music theory through various worksheets and theory quizzes.
- Participate in required performances, including four school concerts, and the Faith Christian Spring Celebration.

Men's Choir ("DisChord")

Grades: 9, 10, 11, 12

Credit: None (Meets twice weekly during Access)

Fee:

Purchase of formal attire required additional trip costs.

Prerequisite:

Audition at the beginning of the school year.

Corequisite:

Must also be in Concert Choir or Ensemble.

Considerations:

Class enrollment is limited. Small group (12 to 16 voices) designed for men with highly advanced vocal skills in both reading music and singing.

Objectives:

- Perform very demanding and intricate music.
- Cover a wide range of musical styles and periods.
- Learn 2 or 3 songs for each concert and Concert Choir music.

Ensemble ("Proclaim!")

Grades: 10, 11, 12

Credit: 1.0 (Full year)

Fee:

Purchase of formal attire required, additional trip costs.

Prerequisite:

Group is chosen by audition with auditions being held in the spring for the next year.

Considerations:

Ensemble is a smaller vocal group designed to challenge the more advanced vocalist. Concerts will include all those of the Concert Choir and other local performances.

Objectives:

- Cover a wide range of musical styles and periods with an emphasis on sacred texts.
- Demonstrate the ability to understand fundamentals of music theory through various worksheets and theory quizzes.

Drama I

Grades: 9, 10, 11, 12

Credit: 0.5 (semester)

Objectives:

- Introduce beginning theatre.
- Explore all aspects of the theater including performance and production.
- Introduce the creative process of character development, movement, voice, set design, makeup, and costumes.

Theatre Production

Grades: 10, 11, 12

Credit: 0.5 (semester)

Fee:

All HS Musical participants, including Tech Crew, will be assessed a fee of \$175.

Prerequisite:

Instructor approval

Objectives:

- Understand design and implementation for all theatrical production areas including scenery, lighting, sound, video, costumes, and properties.
- Manage schedules, communication, space, people, materials, and time in a theatrical production.
- Understand the relationship between the stage manager and all artistic staff (designers and technicians).
- Create a working production prompt book, to record actor movement, tracking of props, scenery, costumes, and design cues.
- Learn guidelines of creating a character with makeup and costume.
- Participate in the “behind the scenes” production of the spring musical.

Speech

Grades: 10 (required for graduation). Credit: 0.5 (semester)

Considerations:

Verbal communication skills are critical in every area of life. Competitive Speech and Debate will also fulfill the Speech graduation requirement.

Objectives:

- Develop a variety of communication skills including public, informal, and interpretive speaking.
- Practice job interviews.
- Understand the communication process and developing of their own communication skills.
- Build confidence in communication abilities.

Technology Department

The primary purpose of the Technology education is to equip students with the skills to use multiple platforms of technology. Technology provides programs and tools to allow for organization, inquiry-based learning, and problem-solving strategies. We seek to prepare students for technological expectations in both academic and professional settings. Students need to be instructed on the appropriate use of technology, and the wisdom of using technology as a positive tool. Students will be taught to avoid anything unwholesome on the internet. Rather, technology will be a vehicle that will allow the students to create and learn in accordance with the gifts that God has given them.

STEM 1.0

Grades: 9, 10, 11, 12

Credit: 1.0 (Full year)

Considerations:

Class enrollment is limited. Freshmen must be pre-approved.

Objectives:

- Explore computer programming, electronic embedded systems, engineering design, and applied mathematics.
- Gain 21st century skills like time management, resource allocation, teamwork, problem solving, and communications.
- Learn about basic C programming using RobotC using a high-end simulation environment enabling students, without robots, to learn programming.
- Build a fully functional VEX Claw Bot and utilize basic engineering using Vex Robotics mechanical components.

STEM 2.0

Grades: 10, 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Completed STEM 1 with average of at least 90%; Demonstrated project-based skills and working together with greater autonomy; capability in 3D prototyping.

Considerations:

Class enrollment is limited.

Objectives:

- Continue developing basic syntax and commands programming.
- Further develop sound engineering principles and solve more complex problems using advanced programming skills.
- Extend programming language and platform for the Arduino ecosystem.
- Program a micro-processor for robotics-based projects.
- Demonstrate proficiency in programming language and syntax, navigate 3D modeling and slicing software.
- Build 3D printing projects from prototype to production.

STEM 3.0

Grades: 11, 12

Credit: 1.0 (Full year)

Prerequisite:

Completed STEM 2 with average of at least 90%; Demonstrated project-based skills and working together with greater autonomy; capability in 3D prototyping.

Considerations:

Class enrollment is limited.

Objectives:

- Build and compete in teams in advanced technology project/ competition.

Digital Photography I

Grades: 9, 10, 11, 12

Credit: 0.5 (semester)

Considerations:

Class enrollment is limited.

Objectives:

- Introduce students to the visual world of photography.
- Study the basic principles of digital photography including camera controls and composition.
- Explore image editing, manipulation and finishing techniques with Adobe Photoshop.
- Learn basic photo printing and presentation skills.
- Create a photo website.

Digital Photography II

Grades: 9, 10, 11, 12

Credit: 0.5 (semester)

Prerequisite:

Digital Photography I

Considerations:

Class enrollment is limited.

Objectives:

- Introduce students to the visual world of photography.
- Study the advanced principles of digital photography including camera techniques and composition.
- Explore image editing, manipulation and finishing techniques with Adobe Photoshop.
- Develop photo presentation skills through printing.
- Create a photo website and print a photographic portfolio.

Graphic Design

Grades: 9, 10, 11, 12

Credit: 0.5 (semester)

Considerations:

Class enrollment is limited.

Objectives:

- Prepare students to work as visual thinkers and communicators using a variety of traditional print and emerging electronic media.
- Create posters, promotional pieces and other various design projects.
- Explore composition, typography, photography, and illustration.

Video Game Programming I & II

Grades: 9, 10, 11, 12

Credit: 0.5 (semester)

Considerations:

Video Game Programming II teacher recommendation only.

Class enrollment is limited.

Objectives:

- Introduce basic 2D STEM video gaming.
- Understand algorithms and variables.
- Sequence using object orientation and interface design methods.
- Create effects using standard Mathematical expressions.
- Define animation systems and create particles.
- Understand and utilize data-driven programming and variable scoping.
- Create high quality mobile games and rapidly deploy to digital game platforms.

Video Production

Grades: 9, 10, 11, 12

Credit: 0.5 (semester)

Considerations:

Class enrollment is limited.

Objectives:

- Introduce video production.
- Understand the technical and aesthetic concepts involved in shooting video.
- Explore the basics of creating a video from conception and scripting all the way to create a final project.
- Develop skills through lectures, in-class assignments, field exercises.
- Evaluate production and composition principles, along with creating several video compositions.

Eagle Eye Broadcasting

Grades: 9-12

Credit: 0.5 (semester)

Objectives:

- Demonstrate knowledge of camera angles and effects.
- Demonstrate technical support skills for audio, video and/or file productions.
- Interact, collaborate, and publish with peers, experts, or others by employing a variety of digital environments and media.
- Plan and deliver a media production.

Physical Education Department

Physical Education is concerned with the growth, development, and the general well-being of every individual. It teaches physical motor skills, improving physical fitness, self-discipline, leadership, and cooperation, enhancing self-efficacy, stress reduction, and strengthening peer relationships. The focus is on healthy participation, while teaching students the basic skills needed for future fitness, athletic, and health success. It promotes long-term health and wellness by making health and fitness fun, and by incorporating lessons on the importance of movement for overall health. It provides activities where self-expression, self-confidence, and physical and mental poise can be attained through perseverance and mastery of physical, mental, and social tasks. It should impart a high regard for participating in regular physical activity and gives students the knowledge of the benefit of and a value for the role of a healthy lifestyle.

Physical Education is a 9th grade requirement with credit being earned by participation in a PE class or a high school sport. Students who do not earn any PE credit in 9th grade are required to take PE in 10th grade. As of January 2010, PE credits can only be completed by: A course of study at FCHS (Strength and Conditioning or Athletic Management) participation in a sport offered at FCHS. We allow CHSAA sanctioned sports (See Sports).

Athletic Trainer

Grades: 9, 10, 11, 12

Credit: .25 (semester)

Considerations:

Students taking Athletic Trainer may also take a study hall OR be an assistant (cannot do all 3 in a semester). Students are encouraged to become first aid and CPR certified. All student trainers will be graded on attendance at games and class involvement. Students are required to attend games as assigned by the head trainer.

Objectives:

- Learn the elements involved in setting up and managing athletic events at the high school level.
- Prepare students to function as athletic trainers for games and practices.
- Scheduled to tape and provide initial treatment of injuries and support for athletes rehabilitating injuries.

Strength and Conditioning

Grades: 9, 10, 11, 12

Credit: 1.0 (Full year)

Prerequisite:

instructor approval

Objectives:

- Understand general physical fitness and proper weight training.

After School Strength and Conditioning

Grades: 9, 10, 11, 12

Credit: .25 (Quarterly)

Fee:

\$60 per quarter

Objectives:

- Understand general physical fitness and proper weight training.

Sports PE (classes that meet during P7)

Grades: 9, 10, 11, 12

Credit: 0.5 (per sport)

Fee:

All members of Athletic Teams will be billed according to the FCA Student Tuition and Fee Schedule ** Sports eligibility requires students to be enrolled in a minimum of 5 courses that each earn 0.5 credit/semester.

Fall Semester Sports

Football (boys)

Basketball (boys/girls)

Spring Semester Sports

Basketball (boys/girls)

Baseball (boys)

Football Weights (boys)

Sports

Grades: 9, 10, 11, 12 Credit: .25 per sport (unless taking as a 7th hour class)/Fee: See the FCA Student Tuition and Fee Schedule** Sports eligibility requires students to be enrolled in a minimum of 5 courses that each earn 0.5 credit/semester. For participation in CHSSA-sanctioned sports at another high school, see the high school registrar for further information.

Fall sports

Cheerleading (girls, begins mid-August)

Cross Country (boys/girls, begins mid-August)

Football (boys, begins mid-August)

Golf (boys, begins early August)

Soccer (boys, begins mid-August)

Softball (girls, begins mid-August)

Volleyball (girls, begins mid-August)

Winter sports

Basketball (boys/girls, begins mid-November)

Wrestling (boys, begins mid-November)

Basketball (boys/girls, begins mid-November)

Spring sports

Baseball (boys, begins mid-February)

Golf (girls, begins mid-February)

Soccer (girls, begins mid-February)

Track (boys/girls, begins mid-February)

Volleyball (boys, begins mid-February)

Miscellaneous

Capstone Course

Grade: 12

Credit: 1.0 (Full Year with Honors option)

The FCHS Senior Capstone course is a student-directed project where students investigate and explore a problem they observe in the world and pursue avenues to implement positive change in that field. This course focuses on the development and strengthening skills of effective business and professional communication in both written and oral modes. The course includes heavy emphases on effective research and the process of writing with a particular focus on both academic and business writing. Development of skills in research and writing of formal academic papers: critical thinking, argumentation, and documentation. The course is designed to challenge students to learn new skills related to their area of exploration, as well as encourage students to showcase all of the academic skills (problem solving, critical thinking, oral communication, written communication, collaboration, and Biblical integration) that they have mastered throughout their time at Faith Christian High School. There are two tracks based on an individual's goals. The Traditional Capstone Track is estimated at 5 hours per week (150 project total) while the Honors Capstone Track is estimated at 7.5 hours per week (225 project total). The Honors Track requires a dual-component approach to the project; meaning, the Honors project must include the following: 1) a data-driven component (Research or Experiment) and 2) a hands-on component (i.e. Service Learning, Event Planning, or Internship). The Honors Capstone Track grade will be weighted as an honors course.

Objectives:

- Select a topic, profession, or social problem of personal interest.
- Connect their projects to community issues or problems, and to integrate outside-of-school learning experiences.
- Demonstrate biblical illumination by identifying specific biblical truths with a connection to the capstone topic by referencing key Bible verses aligned with biblical themes of creation, fall, redemption, or restoration along with efficient evaluation and analysis of supporting data with a personal application.
- Utilize problem solving skills by using both critical and creative thinking, to assess, plan and solve an opportunity, challenge, or problem, and finally to evaluate its overall effectiveness.
- Develop a proposal to be approved by the capstone advisory committee.
- Conduct research on the subject and develop a thesis statement.
- Apply skills or investigate issues across many different subject areas or domains of knowledge.
- Demonstrate collaboration, with subject matter experts or advisors, by soliciting the contribution of useful ideas, listening, and demonstrating organization along with the efficient use of time while focused on tasks to achieve the goal.
- Maintain a portfolio of findings, results, and conclusions to demonstrate effective clear command of written language through organizing and developing their thoughts at a considerable depth and supported by highly relevant reason and well-chosen examples.
- Deliver an oral presentation on the final project to the capstone advisory committee who collectively evaluates the demonstration of effective oral communication using spoken words, tone of voice, body language, gestures, facial expressions, and visual aids to convey ideas.

Assistant (Teacher or Office)

Grades: 10, 11, 12

Credit: .25 (semester)

Prerequisite: Teacher or Office approval required.

Considerations:

The responsibilities given to student assistants will vary based on the teacher or office personnel to whom they are assigned. Assistants will be graded according to their level of performance of the tasks required by their supervising staff member.

Study Hall

Grades: 9, 10, 11, 12

Considerations:

All students will automatically have a study hall (Access) in combination with their lunch hour. Students may submit a request for an additional study hall period if they feel it is necessary for their academic success.

Other Extracurricular Interests

In addition to the Elective course offerings, Faith Christian Academy also offers the following clubs and opportunities available to all students:

- Bug Club
- Chess Club
- Fall Play
- International Club
- Mock Trial
- National Honor Society
- Pep Band
- Robotics Team
- Sport Shooting Club
- Sports Team Manager
- Spring Musical
- Student Council

Faith Christian High School 2020-2021 Dual Credit Requirements

Faith Christian Academy offers the following Dual credit courses:

Arts and Humanities

Faith Christian Academy	Credits:	CCU Course Name	CCU Course #
Honors World Views	3	Worldviews	PHL-205A
Honors Apologetics	3	Apologetics	APO-100
Honors English 12	3	Introduction to Literature	ENG-201

Biblical Studies

Faith Christian Academy	Credits:	CCU Course Name	CCU Course #
Honors New Testament Survey	3	New Testament Introduction	BIB-102
Honors Theology in Modern Life	3	Introduction to Theology	THE-201
Honors Biblical Interpretation (PRISM)	3	Interpreting the Bible	BIB-230

Communication

Faith Christian Academy	Credits:	CCU Course Name	CCU Course #
Honors English 11	3	English Composition	ENG-102
Honors Sr. Capstone	3	English Research/Investigative Writing	ENG-104/106A

Mathematics

Faith Christian Academy	Credits:	CCU Course Name	CCU Course #
Honors Statistics	3	Probability & Statistics	MAT-212
Honors Advanced Algebra II	3	College Algebra/Survey of College Algebra	MAT 111
Honors Calculus AB	4	Calculus I	MAT-141

Science

Faith Christian Academy	Credits:	CCU Course Name	CCU Course #
Honors Chemistry	5	General Chemistry I/Lab	CHM-121/131

Social Studies

Faith Christian Academy	Credits:	CCU Course Name	CCU Course #
Honors US History - Fall Semester	3	American History	HIS-205
Honors US History - Spring Semester	3	The Making of Modern America	HIS-206
Honors American Government	3	Introduction to American Politics	POL-207

Elective

Faith Christian Academy	Credits:	CCU Course Name	CCU Course #
Honors Anatomy & Physiology	4	Human Anatomy/Physiology/Lab	BIO-201/211
Introduction to Oral Communication	3	Introduction to Oral Communication	COM-110
Honors Calculus BC	4	Calculus II	MAT-241
Honors Chemistry (Lab)	5	General Chemistry I/Lab	CHM-121/131

AP Physics	5		PHY-210/211
**Honors Psychology	3	Principles of Psychology	PSY-101

In addition, we also offer AP Physics C and AP Human Geography. This course is Advanced Placement (AP) only and are not dual credit.

Our dual credit courses are offered through Colorado Christian University (CCU) (Principles of Psych is a CCU provided online course through their CCUAcademy). These courses are approved by the university and provide motivated high school students the opportunity to earn college credit and develop skills and study habits that are vital to success in college. A student's willingness to take these rigorous college-level courses is highly regarded by many colleges and universities and distinguishes them in the college admissions process.

Dual credit courses are designed to provide a more in-depth and faster-paced approach to a subject, so students can expect a greater time commitment in terms of reading, writing and analysis of class materials. There is a rigorous approach to grading in dual credit courses and an "A" represents exceptional work at this advanced level. These courses are also weighted (i.e. an A = 5.0 instead of 4.0).

Students are encouraged to take into consideration their expected course load and extra-curricular activities for the next school year when choosing to enroll in dual credit classes. In our experience, students who are willing to work hard, are self-disciplined, have good organizational skills, and demonstrate ability in abstract reasoning are most successful in dual credit courses.

Other points of consideration:

- Dual credit courses are designed so that students remain in the course for the entire year (except for Honors US Government; Honors US History and the two Psychology courses, which offer credit for each semester).
- Student enrollment in dual credit courses will be contingent upon final approval by the instructor.
- Students may enroll in these courses without enrolling for dual credit.
- Students in dual credit courses **are required to take the final exams for these courses.**
- It will be at the discretion of the receiving post-secondary institution whether they will award college credits for these courses. It is strongly recommended that students and parents investigate the transferability of these credits to any colleges they may consider attending. College transcripts will be available to order through CCU.
- Students enrolled in dual credit classes must pass the course with at least a "C" in order to earn college credit (a "C" average for year-long courses).
- Students who still wish to take the AP exams can do so. We will order and administer the AP tests in the spring for those who chose this option. The cost is approximately \$100/per exam.

Registration and payment for dual credit is through the CCU website at: <https://www.ccu.edu/academics/dual-credit/students>.

Registration for fall and full-year courses will be open from approximately August 1 – November 15; registration for spring and full-year courses will be open from approximately January 15 – April 15. Students need to register for full-year courses only once for the year.

CCU's website will answer most of your questions: www.ccu.edu/dualcreditprogram.

FC Academy - CCU Academy Track

	<i>Arts & Humanities</i>	<i>Biblical Studies</i>	<i>Communication</i>	<i>Mathematics</i>	<i>Science</i>	<i>Social Studies</i>	<i>Elective</i>
9th Grade							
10th Grade		Honors New Testament Survey (3) (BIB-102) Fall 2021-2022 			Honors Chemistry Lecture (4) (CHM-121) 		Honors Chemistry Lab (1) (CHM-131)  Introduction to Oral Communication (3) (COM-110) 
10-11 Summer							3 - 6 credits? 
11th Grade	Honors World Views (3) (PHL-205A) Fall 2021-2022  Honors Apologetics (3) (APO-100) Fall 2022-2023 	Honors Theology in Modern Life (3) (THE-201) Fall 2021-2022 	Honors English 11 Literature and Composition (3) (ENG-102) 	Honors Advanced Algebra II (3) (MAT 111)  Honors Calculus AB (4) (MAT-141)  OR		Honors US History (6) (HIS-205/HIS-206) 	Honors Human Anatomy & Physiology (8) (BIO-201/211)  OR
11-12 Summer							3 - 6 credits? 
12th Grade	Honors English 12 Literature and Composition (3) (ENG-201) 	Honors Biblical Interpretation (3) (BIB-230) 	Honors Sr. Capstone (3) (ENG-104/106A) 	OR Honors Statistics (3) (MAT-212) 		Honors American Government (3) (POL-207) 	OR Honors Calculus BC (4) (MAT-241)  AP Physics (5) (PHY-210/211) 
Total	9/9 credits	9/6 credits	6/6 credits	6-7/3 credits	4/3 credits	9/9 credits	12-13/24 credits



This symbol denotes FC Academy College-level Honors, Advanced Placement (AP) and Dual-Credit courses towards an Associate of Arts in Liberal Arts.



This symbol denotes CCU Academy courses towards an Associate of Arts in Liberal Arts [CCU Academy Catalog](#)

Other Electives: Art Appreciation (ART-112A), Songwriting (MUA-119), Musical Perspectives (MUS-110), Music Theory I: Elements of Music, (MUS-112), or Introduction to Philosophy (PHL-202), Introduction to the Arts (3) (HUM-120), C.S. Lewis in Film and Lit (3) (HUM-229A).