

SFCA

Southwest Florida Christian Academy

2011-2012 Course Description Catalog

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SFCA's Mission Statement

As a ministry of McGregor Baptist Church, Southwest Florida Christian Academy will partner with Christian parents in providing their children with a distinctively biblical and academically excellent education that will equip students to be godly leaders and to successfully engage the culture for Christ.

**Enhanced College Prep Track
(27 Credit Minimum)**

English	4 credits
Math <i>Algebra 1 and above</i>	4 credits
Science <i>Biology, Chemistry, Physics or equivalent</i>	3 credits
Social Studies <i>U.S. History, World History, American Government & Economics</i>	3 credits
Physical Education (HOPE)	1 credit
Foreign Language	2 credits
Bible <i>*1 credit for each year of attendance at SFCA</i>	4 credits*
Performing / Practical Arts	1 credit
Additional Core Requirements <i>(Choose from the math, science, business, social science, or language offerings.)</i>	2 credits
Additional Electives	3 credits

**College Prep Track
(25 Credit Minimum)**

English	4 credits
Math <i>Algebra 1 and above</i>	4 credits
Science <i>Biology, Chemistry, Physics or equivalent</i>	3 credits
Social Studies <i>U.S. History, World History, American Government & Economics</i>	3 credits
Physical Education (HOPE)	1 credit
Foreign Language	2 credits
Bible <i>*1 credit for each year of attendance at SFCA</i>	4 credits*
Performing / Practical Arts	1 credit
Additional Electives	3 credits

High School students, with assistance from the Guidance and College Placement Counselor and in partnership with parents, will build a schedule of classes that will prepare them for college. Each student will meet with the Guidance Counselor to assure a course of study is chosen that meets his or her individual academic plan, interests, and goals. Some courses carry prerequisites that must be met prior to scheduling. In addition, Honors and Advanced Placement courses may require teacher recommendation.

College Prep

These courses follow a core curriculum (language arts, math, science, foreign language, and social studies) that will prepare students for admission to most colleges.

Honors

Honors courses offer a core curriculum that provides greater depth of subject matter and may include assignments that require an above average analytical reading ability and challenges students at a high cognitive level. Students may need to obtain a teacher recommendation to enroll in these classes, and they frequently require prerequisite courses. Honors level courses prepare students for admission to competitive colleges, and are weighted by a factor of .5 (one-half point).

Advanced Placement

Advanced Placement (AP) courses offer college-level curriculum. They require prerequisite classes, grade point average minimums, and teacher recommendation to enroll. AP courses are nationally recognized as academically challenging and are designed for the motivated student desiring to work at a high cognitive level. College credit may be earned at the end of the course by successfully completing the AP Exam. Advanced Placement courses prepare students for selective colleges with more rigid admissions standards, and are weighted by a factor of 1.0 (one point).

All AP students are required to take the AP exam. Some additional fees for AP Courses may apply (Exam Fee, Textbook, Lab Materials).

Dual Enrollment

In an effort to continue to offer courses that will challenge and better prepare students for college, SFC A encourages qualified students to dual enroll through Florida Gulf Coast University or Edison State College. There is no cost to the student other than the cost of the textbook. Students who pass the course will receive weighted credit toward their high school diploma and three college credits from the respective college.

***Note:** Some colleges and Bright Futures Scholarships consider only grades in core academic courses when computing a grade point average.*

Freshman

Algebra 1 or Geometry*
 English 9*
 Biology*
 Foundation of Christianity
 Health Opportunities through Physical Education (HOPE)
 Geography
 Performing Art Elective
**Honors option*

High School Electives: Art, Band, Choir, Oration/Debate, Yearbook, Weight Training, Teacher Assistant (Service), Study Hall, Music Theory & Ensemble, Praise Team

Junior

Algebra 2*, Advanced Topics in Math, Pre-Calculus*
 English 11*
 Chemistry* or Physics*
 Old Testament Survey
 US History*
 Spanish 2
 Elective
 One dual enrollment course
**Honors option*

High School Electives: Art, Band, Choir, Oration/Debate, Yearbook, Weight Training, Teacher Assistant (Service), Study Hall, Music Theory & Ensemble, Praise Team

Sophomore

Geometry* or Algebra 2*
 English 10*
 Chemistry* or Physical Science
 World Religions
 World History*
 Spanish 1
 Elective
**Honors option*

High School Electives: Art, Band, Choir, Oration/Debate, Yearbook, Weight Training, Teacher Assistant (Service), Study Hall, Music Theory & Ensemble, Praise Team

Senior

AP Calculus-AB, Pre-Calculus*, Advanced Topics in Math
 English 12*
 Physics* or AP Biology
 Economics*/American Government*
 Academic Choice
 Elective
 Three dual enrollment courses
**Honors option*

High School Electives: Art, Band, Choir, Oration/Debate, Yearbook, Weight Training, Teacher Assistant (Service), Study Hall, Music Theory & Ensemble, Praise Team

Bible

Foundation of Christianity

Ninth Grade

Two Semester Course Credit: 1.0

The ninth grade Bible course examines the fundamental beliefs of the Christian faith. An explanation of theology, along with its importance for the Christian life, is explored through the doctrines of God, creation, humanity, sin, Christ, salvation and the church.

World Religion

Tenth Grade

Two Semester Course Credit: 1.0

The tenth grade Bible course is designed to teach the reliability, authenticity, and authority of the Bible. Relevant topics to American culture will be discussed. Students learn the basic questions that define a worldview and evaluate the worldviews according to these important questions.

Old Testament Survey

Eleventh Grade

Two Semester Course Credit: 1.0

The eleventh grade Bible course provides an overview of the 39 books of the Old Testament. Emphasis will be placed on student understanding and comprehension of creation, the fall of man, the flood, history of Israel, major biblical characters, events of biblical history, and God's redemptive plan for mankind. The course will be taught from an apologetics viewpoint.

Study of Acts

Twelfth Grade

Two Semester Course Credit: 1.0

The senior Bible course is a verse-by-verse survey of the Book of Acts examining the triumphs, trials, and travels of the early church as the Gospel is carried to "Jerusalem, Judea, Samaria, and the ends of the earth" (Acts 1:8). Special attention will be paid to the forensic/apologetic character of the work, the functional ecclesiology of the early church, and the passionate pursuit of the global missions imperative given by Christ to the church. Upon reaching the points in Acts where given NT Epistles were written, students will be taking "side trips" into the study of some of those Epistles. The goal of the course is that each student would (1) see himself or herself as an active participant in the 2,000 year unfolding of The Great Commission and (2) gain greater grounding in that perspective by a thorough examination of the church's early history and Apostolic teaching.

English

English 9

Ninth Grade

Two Semester Course Credit: 1.0

This ninth grade course is designed to lay the foundation for all other literature courses through a comprehensive study of vocabulary, grammar, composition, and literature. This course provides numerous strategies and opportunities for students to improve their writing and critical thinking skills. Students read from different literary genres—primarily the short story, novel, poetry and drama—covering a variety of time periods from classical to contemporary. Major works include *The Odyssey*, *The Tragedy of Romeo and Juliet*, and *Great Expectations*.

Honors English 9

Ninth Grade

Two Semester Course Credit: 1.0

Prerequisite: Grade of 80 percent or higher in English 8; teacher recommendation

This ninth grade honors course is designed to lay the foundation for all other literature courses through a comprehensive study of vocabulary, grammar, composition, and literature. This course provides numerous strategies and opportunities for students to showcase and develop further their writing and critical thinking skills. Students will practice writing to different audiences with different purposes, including an extensive research paper. Students read from different literary genres—primarily the short story, novel, poetry and drama—covering a variety of time periods from classical to contemporary. Major works include *The Odyssey*, *The Tragedy of Romeo and Juliet*, *To Kill a Mockingbird*, *The Scarlet Letter*, and *Great Expectations*. Students in Honors English are taught to analyze and write about literary elements and techniques used by authors, read more works than on-level English, and are prepared for upper level AP courses by learning the required terminology.

English 10

Tenth Grade

Two Semester Course Credit: 1.0

This tenth grade course is a comprehensive study of vocabulary, grammar, composition, and literature. Students will write a research paper and complete reading projects throughout the year, covering various types of literature. Students read examples of tragedy, comedy, epic, and lyric, evaluating them through the lens of Aristotle's Poetics. Major works include *Peace like a River*, *The Iliad*, *Oedipus the King*, *Lord of the Flies*, *Oedipus at Colonus*, and *Antigone*. Students write often and employ various types and modes of writing, including narrative, descriptive, persuasive and expository. Students also continue honing their grammar and vocabulary skills.

Honors English 10

Tenth Grade

Two Semester Course Credit: 1.0

Prerequisite: Grade of 85 percent or higher in English 9 or 80 percent or higher in Honors English 9; teacher recommendation

This tenth grade honors course is a thematic study of literature, focusing on critical analysis through thoughtful writing and class discussion. Students read examples of tragedy, comedy, epic, and lyric, evaluating them through the lens of Aristotle's Poetics. Major works include *Oedipus the King*, *Oedipus at Colonnus*, *Tristan and Iseult*, *The Iliad*, *Antigone*, *Lord of the Flies*, *The Strange Case of Dr. Jekyll and Mr. Hyde*, and short stories. In Honors English, the emphasis is on close reading, which entails that a student notice details, images, diction, aspects of point of view, tone and syntax. Furthermore, poetry and rhetorical analysis are taught and students have several opportunities to demonstrate their skill through class presentations. This course also includes comprehensive instruction in composition and vocabulary and reinforcement of grammar skills. The student enrolled in this course should have the desire to work, read, write, and think at an accelerated pace.

English 11

Eleventh Grade

Two Semester Course Credit 1.0

This eleventh grade course surveys American prose, poetry, and drama from the American settlement to modern times. Major works include *The Great Gatsby*, *Our Town*, and various short stories. The literature selections enable the students to examine several aspects of the American experience, including freedom and independence, judgment, dream vs. reality, and racial/cultural issues. Students learn to analyze works through the use of literary devices such as tone, diction, mood and style. Students write often and focus on literary analysis, poetry analysis, narrative, descriptive, expository, persuasive and argumentation. This eleventh grade course prepares students for college-level work by sharpening skills in vocabulary, critical thinking and written analysis.

Honors English 11

Eleventh Grade

Two Semester Course Credit: 1.0

Prerequisite: Grade of 85 percent or higher in English II or 80 percent in Honors English II; teacher recommendation

This eleventh grade honors course is designed to challenge students to apply a wide range of strategies as they grow in their understanding of American prose, poetry and drama from the American settlement to modern times. The student enrolled in this course should have the desire to work at an accelerated pace, and it is expected, but not demanded, that the student will enroll in AP English IV his/her senior year. Major works include *The Great Gatsby*, *Wuthering Heights*, *David Copperfield*, *The House of the Seven Gables*, *The Diary of Anne Frank*, *Gulliver's Travels*, *The Count of Monte Cristo*, *The African Queen*, *Anna Karenina*, *Our Town*, and various short stories. The literature non-fiction readings enable students to examine several aspects of the American experience, including freedom and independence, judgment, dream vs. reality and racial/cultural issues. Students focus on the elements of style in writing and the use of persuasion and rhetoric. Students are also required to write a major research paper, and projects are assigned that require outside preparation.

English 12

Twelfth Grade

Two Semester Course Credit: 1.0

This twelfth grade course is a chronological study of British literature. The students will read and study works by British authors representing various types of literature, including Chaucer's *Canterbury Tales* and Shakespeare's *Macbeth*, as well as other nonfiction and fiction poetry and prose, such as *Screwtape Letters* and *Fellowship of the Ring*. Students write in response to selections, review grammar, and solidify vocabulary. Students should have the foundational skills necessary to do research and are responsible for writing a research paper during the course of the year. Through the selected works, students look at the various stages of a believer's experience: creation, sin, redemption and resurrection (or life after death). The major focus of this course is to prepare students for college coursework through frequent essay writing, revising, and re-writing, as well as helping students understand all literature from an in-depth examination of the Christian worldview.

Honors English 12

Twelfth Grade

Two Semester Course Credit: 1.0

Prerequisite: Grade of 85 percent or higher in English 11 or 80 percent or higher in Honors English 11; teacher recommendation

The twelfth grade Honors English course is a chronological study of British literature, highlighting critical analysis through thoughtful writing and class discussion. Students will read and study British and Irish authors representing various types of literature, including Shakespeare's *Macbeth* and Oscar Wilde's *The Importance of Being Earnest*, as well as other fiction and nonfiction poetry and prose, such as *Screwtape Letters* and *Fellowship of the Ring*. Students write in response to reading selections, review grammar, and solidify vocabulary. Through the selected works, students look at the various stages of a believer's experience: creation, sin, redemption and resurrection (or life after death). This course also focuses on preparing students for college through frequent essay writing, revising, and rewriting.

History

World Geography

Ninth Grade

Two Semester Course Credit: 1.0

This course is designed to equip students to develop a multicultural understanding of the earth and its resources, the use of those resources, and the geographic and cultural features of people in the various regions and countries of the world. The students will recognize the diversity of the world God has created as they study world cultural regions including demographics, historical changes, and economics. As stewards of the resources God has provided, students should develop a new appreciation for God's creation and the responsibility given to them.

World History

Tenth Grade

Two Semester Course Credit: 1.0

This course examines western man's development and future direction from creation to the present through a Christian perspective. Emphasis is placed on the key moments in history that have helped shape our present culture and the history of ideas that brought these moments to pass. Students will compare the social, political, and economic structures, as well as the impact religion has had around the world. The student will be able to discern good and evil, as well as truth and error, by studying past successes and failures. The course will illustrate the consequences of sin and the necessity of a righteous life by studying the past. Methods used include reading and analyzing past events, class discussions and hands-on projects.

Honors World History

Tenth Grade

Two Semester Course Credit: 1.0

Prerequisite: Grade of 80 percent or higher in previous History course; teacher recommendation

This course examines through a Christian perspective western man's development and future direction from creation to the present. Emphasis is placed on the key moments in history that have helped shape our present culture and the history of ideas that brought these moments to pass. Students will compare the social, political, and economic structures, as well as the impact religion has had around the world. The student will be able to discern good and evil, as well as truth and error, by studying past successes and failures. More emphasis is given to studying these ideas, and more source documents are analyzed and discussed than in the regular World History course. Methods used include reading and analyzing past events, class discussions and hands-on projects.

History continued

US History

Eleventh Grade

Two Semester Course Credit: 1.0

This course is a comprehensive study of American history from a Christian perspective. Students study the major events, people, and culture in the development of our nation, beginning with the Age of Exploration to present day. This course is designed to encourage thinking about our Christian heritage and foster a respect for our American leaders and influential persons.

Honors US History

Eleventh Grade

Two Semester Course Credit: 1.0

Prerequisite: Grade of 85 percent or higher in US History or 80 percent or higher in Honors US History; teacher recommendation

This course is a comprehensive study of American history from a Christian perspective. Students study the major events, people, and culture in the development of our nation, beginning with the Age of Exploration to present day. This course is designed to encourage higher level critical thinking about our Christian heritage and foster a respect for our American leaders and influential persons. The Honors course requires analysis of historical documents and places a greater emphasis on interpretation of historical themes and issues.

Economics

Twelfth Grade

One Semester Course Credit: 0.5

This course deals with the way in which individuals, households, firms, industries, and governments decide to employ their given talents and material resources to best satisfy their many needs and wants. In Economics, the focus is on the basic principles concerning production, as well as consumption and distribution of goods and services in the United States. Students will become familiar with the economic system of the United States and how it operates. Students will analyze the interaction of supply, demand, and price and study the role of financial institutions in a free enterprise system. The impact of a variety of factors including the federal government, monetary policy, societal values, and scientific discoveries and technological innovations on the national economy and economic policy is an integral part of the course.

History continued

Honors Economics

Twelfth Grade

One Semester Course Credit: 0.5

Prerequisite: Grade of 85 percent or higher in US History or 80 percent or higher in Honors/AP US History; teacher recommendation

This course focuses on the basic principles concerning production, consumption and distribution of goods and services in the United States. Students analyze the interaction of supply, demand, and price and study the role of financial institutions in a free enterprise system. Types of business ownership and market structures are discussed, as are basic concepts of consumer economics. The impact of a variety of factors including the federal government, economic ideas from important philosophers and historic documents, societal values, and scientific discoveries and technological innovations on the national economy and economic policy is an integral part of the course.

Government

Twelfth Grade

One Semester Course Credit: 0.5

United States Government is designed to introduce the fundamentals of American government and politics as well as give students an in-depth understanding of the political traditions, structure and function of U.S. Government. Examination and evaluation of our institutions of government, those who influence these institutions, the public policies made by these institutions, and the influences of the electorate on policies is completed. In addition, students are able to connect concepts in government with economic policies and procedures.

Honors Government

Twelfth Grade

One Semester Course Credit: 0.5

Prerequisite: Grade of 85 percent or higher in US History or 80 percent or higher in Honors US History; teacher recommendation

This honors is designed to give the students an in-depth understanding of the structure and function of U.S. Government, as well as the basics of micro and macro economics. Throughout the course, students examine and evaluate the institutions of government, those who influence these institutions, the public policies made by these institutions and the influences of the electorate on policies. In addition, students are able to connect concepts in government with economic policies and procedures. Students in Honors Government understand the need for active participation and the purpose of government in every day life. Students realize that political phenomena rarely resemble the trite reductions projected by the media, but rather are complex matrixes of power comprised of diverse pressures and competing interests.

Mathematics

Algebra I

Ninth Grade

Two Semester Course Credit: 1.0

Prerequisite: Pre-Algebra

This course is designed to provide the foundation for more advanced courses in mathematics and to develop skills needed to solve mathematical problems. Emphasis is placed on solving processes involving equations, relations, functions, slopes, inequalities, polynomials, factoring, roots, rational expressions and quadratics.

Geometry

Ninth and Tenth Grade

Two Semester Course Credit: 1.0

Prerequisite: Algebra I

This course is designed to develop critical thinking, involving the discovery of relationships, and skill in using the deductive method in mathematical problem-solving and in all career pursuits. Skills mastered in earlier courses are applied to the study of points, lines and planes. Students use logic and algebraic skills to solve problems involving geometric concepts. A formal logic of definitions, postulates and theorems is used in the construction of proofs. The course also covers polygons, parallels, similarity, proportions, triangles, quadrilaterals, circles, constructions, areas, surface area, volumes, fractals and tessellations.

Honors Geometry

Ninth and Tenth Grade

Two Semester Course Credit: 1.0

Prerequisite: Grade of 85 percent or higher in Algebra I or 80 percent or higher in Honors Algebra I; teacher recommendation

The purpose of this course is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems. More emphasis will be given to the development of independent thinking skills and the use of critical analysis. The students also have a much deeper exposure to formal proofs and the study of right triangle trigonometry and the law of sine and cosine. Topics include logic and reasoning, the study of Euclidean geometry of lines, planes, angles, triangles, similarity, congruence, geometric inequalities, polygons and circles, area and volumes, and constructions.

Algebra II

Tenth and Eleventh Grade

Two Semester Course Credit: 1.0

Prerequisites: Algebra I, Geometry

This course is designed to continue the study of the structure of algebra and provide the foundation for application of these skills in other scientific and mathematical fields of study. A high emphasis is placed on functions, graphical analysis and problem solving. The main topics that are discussed are equations, inequalities, absolute value equations and inequalities, polynomials, factoring, quadratics, higher order roots, complex numbers, systems, determinants, matrices, rational expressions and conic sections.

Honors Algebra II

Tenth and Eleventh Grade

Two Semester Course Credit: 1.0

Prerequisite: Algebra I and Geometry; Grade of 85 percent or higher in Geometry or 80 percent or higher in Honors Geometry; teacher recommendation

This course provides a foundation for the study of calculus. Topics include: analysis of algebraic and exponential functions, probability and statistics, systems of equations, matrices, complex numbers, conic sections, and infinite series. This course moves at a faster pace and covers problems with a higher level of difficulty.

Advanced Topics in Mathematics

Eleventh and Twelfth Grade

Two Semester Course Credit: 1.0

Pre-requisite: Algebra II

The purpose of this course is to continue development of students' understanding of Algebra II in preparation for college mathematics. Topics included are linear relations & functions, systems of linear equations and inequalities, graphing polynomials, complex numbers, conic sections, exponential and logarithmic functions, and statistics. This course places an emphasis on applying all of these math concepts to real world situations.

Honors Pre-Calculus

Eleventh and Twelfth Grade

Two Semester Course Credit: 1.0

Prerequisite: Algebra I, Geometry, Algebra II; Grade of 85 percent or higher in Algebra II or 80 percent or higher in Honors Algebra II; teacher recommendation

This honors course is designed for the college-bound student or as prerequisite for Calculus. This course consists of one semester of advanced algebra skills emphasizing functions and graphing, as well as exponential and logarithmic functions and one semester of in-depth trigonometry and analytical geometry. Topics include: analysis of algebraic, exponential and trigonometric functions, introductions to limits, probability and statistics, vectors, analytic geometry, polar and parametric equations, and complex numbers. This course is intended for students planning on taking AP Calculus AB or BC.

AP® Calculus AB

Twelfth Grade

Two Semester Course Credit: 1.0

Student is responsible for the cost of the AP exam and purchasing textbooks for this course.

Prerequisite: Honors Pre-Calculus; Grade of 80 percent or higher in Honors Calculus; Teacher recommendation

This course is designed to begin the study of Calculus and follows the outline for AP credit through the College Board for AB Calculus. Emphasis is placed on limits, integration and differentiation skills. Topics include elementary functions, limits and continuity, derivatives and differentiation, applications of the derivative, antiderivatives, definite integrals and applications of the integral. All students are required to take the Advanced Placement Calculus Exam in May for possible college credit.

Science

Biology

Ninth Grade

Two Semester Course Credit: 1.0

In this course, students conduct laboratory investigations, use scientific methods during investigations and make informed decisions using critical-thinking and scientific problem-solving. This course is a survey of the life sciences including cytology, genetics, botany, and zoology. The life systems and processes in each of these categories will be studied with regard to a biblical worldview and Christian values. Particular emphasis is placed on comparison between the theory of evolution and creationism. Hands-on labs include dissections to enhance the study of the various body systems.

Honors Biology

Ninth Grade

Two Semester Course Credit: 1.0

Prerequisite: Grade of 85 percent or higher in the eighth grade science class; teacher recommendation

This honors course is an in-depth survey that includes the chemistry of life, the structure of plant and animal cells, life-sustaining energy processes, exploration of human anatomy and physiology, and the basis of inheritance in all living things and ecology. Critical thinking skills and application of concepts are emphasized. Students learn a variety of laboratory techniques and formal lab reports are introduced.

Chemistry

Tenth Grade

Two Semester Course Credit: 1.0

Prerequisites: Biology, Algebra I

This course includes the study of matter and the changes in which it undergoes. In this introductory course, students examine a broad range of principles in chemistry and receive experience in a laboratory setting. It is designed to acquaint the student with the basic principles and applications of chemistry while studying elements and their respective properties and uses in today's world. This class will explore the many branches of chemistry with the goal of discovering the thoughts of the Creator through the ingenious structure and orderly function of His Creation.

Honors Chemistry

Tenth Grade

Two Semester Course Credit: 1.0

Prerequisite: Biology, Algebra I; Grade of 85 percent or higher in the previous science class or 80 percent or higher in an Honors class; teacher recommendation

In this honors level introductory course, students examine a broad range of principles in chemistry, receive experience in a laboratory setting and are challenged to think analytically and critically. Since this is an honors course, students are expected to dig deeper, investigate more clearly and research more thoroughly. Students learn a variety of laboratory techniques and formal lab reports are introduced. Strong math skills are recommended.

Honors Physics

Eleventh Grade

Two Semester Course Credit: 1.0

Prerequisites: Biology, Chemistry; Concurrently in Honors Pre-Calculus or higher; Grade of 85 percent or higher in chemistry or 80 percent or higher in Honors Chemistry; teacher recommendation

This course will provide students with an introduction to matter, energy and the forces of nature. Topics of study include Newton's laws, fluid mechanics, thermal physics, magnetism, waves and optics. Students are challenged to think creatively and critically with an emphasis on the practical and experimental aspects of science, as well as examination of how creation reflects the intelligent and ordered nature of its Creator. Laboratory activities are an essential component of this course.

Physical Science

Science Elective

Two Semester Course Credit 1.0

The purpose of this course is to provide opportunities to investigate the theories and ideas associated with the quantitative investigative study of the introductory concepts of physics and chemistry. Students construct science knowledge by formulating questions, making predictions and observations, planning experiments, classifying, drawing conclusions, and analyzing and interpreting data.

Anatomy and Physiology

Science Elective

Two Semester Course Credit: 1.0

Prerequisite: Biology, Chemistry

This is a laboratory intensive, senior level course for the college bound student. It provides an in depth study of the structure and functions of God's most loved creation, the human body. Students will explore the topics of homeostasis, histology and the anatomy of the human body systems with a concurrent study of the physiology of those systems. Labs, including dissections, will support the lectures.

AP® Biology

Twelfth Grade Elective

Two Semester Course Credit: 1.0

Student is responsible for the cost of the AP exam and purchasing textbooks for this course.

Prerequisites: Biology, Chemistry; Grade of 80 percent or higher in previous science honors class; teacher recommendation

This is an upper-level, advanced placement course intended for those students seeking further science preparation for college. It is the equivalent of a college freshman course in general biology. The course features a biochemical approach to the study of life functions and includes an intense laboratory program which stresses graphing and analysis of data. All students are required to take the Advanced Placement Biology exam in May for possible college credit.

Foreign Language

Spanish I

Ninth – Eleventh Grade

Two Semester Course Credit: 1.0

This Spanish course develops the four language skills of reading, writing, speaking, and listening. Students learn the present tense of both regular and irregular verbs, while being introduced to the preterit tense of regular verbs. Vocabulary is also emphasized to give the student a basis for communicating. In addition to the actual study of the language, a secondary goal is to further enrich the student's knowledge of the culture, history and geography of the Spanish-speaking world.

Spanish II

Eleventh –Twelfth Grade

Two Semester Course Credit: 1.0

Prerequisite: Spanish I

This Spanish course continues the development of the four language skills of reading, writing, speaking and listening. Students learn all past and imperfect tenses, indicative and subjunctive modes, along with increasing their vocabulary. In addition to the actual study of the language, a secondary goal is to further enrich the student's knowledge of the culture, history and geography of the Spanish-speaking world.

Honors Spanish III

Twelfth Grade

Two Semester Course Credit: 1.0

Prerequisites: Spanish I & II

In this Honors Spanish course the emphasis shifts towards reading and writing while providing a summary and review of Spanish grammar and usage. In reading, the goals are to enlarge vocabulary and increase appreciation of the written language. In addition to the actual study of the language, a secondary goal is to further enrich the student's knowledge of the culture, history and geography of the Spanish-speaking world.

High School Electives

Fine Arts

Two semesters (1 credit) of Fine Arts electives are required for graduation.

Art I: Studio Art

Ninth – Twelfth Grade

Two Semester Course Credit: 1.0

This is an introductory level, year long, two-dimensional design course with an introduction into three-dimensional design for the upper school student. The curriculum focus is on creativity with perspective and shallow space design. Emphasis is placed on developing compositions using the elements and principles of design and critiquing major projects. The first quarter is a study in black, white and gray scale. Color theory is studied as well. Drawing, printmaking and painting using a variety of media is explored. Students learn how to research artists and study art history through a short research paper. Art history periods studied are Impressionism and Post-Impressionism. Participation in art contests is encouraged and available. Biblical integration is included throughout the curriculum.

Symphonic Band

Ninth-Twelfth Grade

Two Semester Course Credit: 1.0

Prerequisites: At least two years of prior instrumental training and permission from the Director.

This course involves the study of literature, rehearsal and performance techniques of the band ensemble. It is a performance ensemble that is primarily involved with the continued development and reinforcement of previously acquired musical skills. The group performs at least three school concerts per year and is involved in either the ACSI or FBA music festivals. Other outside performances and trips are planned during the year as well. In addition to group performances, students in the Symphonic Band are given the opportunity to audition for the Florida All-State Band and other solo and ensemble festival events throughout the year.

Praise Band

Tenth-Twelfth Grade

Two Semester Course Credit: 1.0

Prerequisite: By audition only

This is a student-based worship ensemble that leads portions of the weekly chapel services. This course gives students a chance to both practice and perform their musical talents while leading their fellow students in praise and worship. Students also learn about sound reinforcement, as well as stage lighting and chapel service production.

Choir

Ninth – Twelfth Grade

Two Semester Course Credit: 1.0

This course is designed to emphasize vocal performance in a choral setting. Students sing a varied repertoire as they develop their vocal skills. Students also learn advanced music theory concepts through rhythm exercises, sight-reading theory lessons, and written assignments and tests. All choir students are involved in at least four major performances throughout the year, including participation in choral music festivals at the regional and state levels. In addition to group performances, students are given the opportunity to audition for the All State Choirs, as well as solo and ensemble festival events during the year.

Advanced Ensemble

Ninth – Twelfth Grade

Two Semester Course Credit: 1.0

Prerequisites: Successful completion of one year of middle or high school choir and approval from the Choir Director.

Students enrolled in Advanced Ensemble are required to fulfill the requirements of Choir and complete the following additional requirements:

- Student must learn the theory of scales and keys.
- Student must learn select All-State Choir repertoire.
- Student must learn Candlelight audition repertoire.
- Student is required to attend an approved professional vocal performance (solo artist or vocal ensemble) and submit a detailed written critique.

Physical Education

Two semesters (1.0 credit) of PE are required for graduation

HOPE

Ninth Grade

Two Semester Course Credit 1.0

This HOPE course is a combination of physical education and healthy lifestyle topics. Approximately 70% of class time involves physical education activities focusing on concepts promoting team strategies, fair play, communication, and individual exploration. Additionally, the course openly discusses many of the health lifestyle topics facing today's students – nutrition, alcohol, tobacco, illegal drugs, self-esteem, depression, and reproductive health. The objective is to equip students with the knowledge to make wise, healthy choices and pursue God's will for their lives.

Weight Training

Ninth-Twelfth Grade

One Semester Course Credit 0.5

The purpose of this course is to develop a basic understanding of strength training protocols and the proper use of various types of strength training equipment. In addition, the students will participate in cardio-respiratory conditioning exercises. Upon completion of this course, students will have a working understanding of weight room safety, proper lifting techniques, program design, core training, and aerobic and anaerobic conditioning.

Speech

Oration and Debate

Ninth – Twelfth Grade

Two Semester Course Credit: 1

This course has a two-fold objective: to teach students the basics of public speaking and to challenge them to think critically and respond to a resolution based on a current social issue. Students learn to outline, research appropriate material, and effectively deliver various kinds of speeches. Additionally, students learn to apply the research and analysis skills in the debate of timely issues from a biblical worldview.

Technology

Digital Video and Web Design

Eleventh and Twelfth Grade

Two Semester Course Credit: 1.0

This course introduces the basics of video production as an art and science. By understanding and applying basic story concepts through storyboarding and demonstrating mastery of camera angles, movements, and editing, the student learns effective ways to clearly and accurately communicate a message that is God honoring. These techniques are put into practice through various projects such as interviewing and production of the high school morning announcements. In Web Design, the student will understand basic terms of CSS and HTML and apply these to build a three page web site, complete with interactive widgets.

Other Electives

Psychology I & II

Social Science Elective

Two Semester Course Credit 1.0

This course, taught from a Christian perspective, will help students see how God created the body, mind, soul, and spirit to work together to perceive the world and make decisions. Differentiation is made between thoughts and actions led by the sinful nature and those led by the Holy Spirit. This psychology course will cover the foundation and tenants of psychology, including units in research, development, consciousness, learning & conditioning, memory, motivation, personality, stress, disorders, social interaction, and cultural influences. Relevant Bible verses and Christian perspectives on the care of souls will be incorporated into each unit.

Yearbook

Ninth - Twelfth Grade

Two Semester Course Credit 1.0

This course introduces and challenges the student to understand proper photography, design and writing techniques. Students will work collaboratively with other student yearbook staff members to produce (online) the SFCA all-school yearbook.

Service

Ninth - Twelfth Grade

One Semester Course Credit 0.5

Student aides are assigned to a supervising teacher or staff person to assist them with daily activities. Tasks are at the discretion of each individual supervisor but may include filing, paperwork, using the copier or fax machine, running errands, working with younger students, and other activities as assigned.

Study Hall

Ninth - Twelfth Grade

One Semester No Credit

Students are required to be in attendance in their assigned room during study hall. This time should be used to study, prepare for upcoming classes and to complete homework. No credit is given.