2018-2019
Secondary Course Catalog

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FAITH ACADEMY SECONDARY 6TH-12TH

PARENTAL ROLE

At the secondary level, the parental role will evolve from "guide for dependent study" to "guide to independent study" as the student matures.

- Students in the 6th – 8th grades will begin to assume some independence from the parent in the completion of assignments. Parents should read each assignment sheet, structure time and place for completing the assignments, offer assistance as needed, and verify that each assignment is completed. Parents should understand that assignment sheets will no longer contain detailed instructions for the parent concerning the completion of assignments, since students will be expected to learn how to receive verbal instructions and record this through notes. Parents may contact teachers to verify instructions; however, they should reinforce with students the expectation for this skill to be developed. Parents may spot-check work to check for understanding the practiced concept, but should not "pre-grade" assignments. Teachers use this opportunity for independent practice as an indicator of whether or not there is a need for re-teaching the concept.
- Students in the 9th – 10th grades will require supervision in order to help them develop disciplined study habits and personal responsibility for the completion of assignments in a timely manner. Parents will supervise student work, monitor student assignments, and discuss content as required. Parents should provide opportunity for independence based on the maturity and success of their students. If students have problems turning work in on time or understanding the subject matter, it is the parents' responsibility to enforce stricter accountability and provide the extra help that is needed –either by the parent or a tutor. Parents should maintain a "satellite classroom" environment for the student on days not attending Faith Academy. Parents are responsible for monitoring student grades as a reflection of the students' learning and participation in each course and providing necessary incentives or punishments if grades are not acceptable.
- Students in the 11th – 12th grades study independently, as required in post-secondary education programs. Parents should be available to assist as needed with organization, accountability, and spiritual guidance. Parents should review assignment sheets often enough to monitor all major assignments and make sure the student is investing the time necessary to complete these assignments. In some courses, the student may need a tutor to help with home assignments if the parent is unable to review the material. It is crucial that parents make sure that students maintain a "satellite classroom" schedule on the days not attending Faith Academy (work should be secondary to school). Although the parental role changes as the student matures, parental involvement is still expected by teachers in these final years of high school.

COURSE PREREQUISITES

Successful completion of the preceding course in the Faith Academy sequence; satisfactory performance on the appropriate placement test and/or permission of the academic supervisor may be required; specific course prerequisites are listed where applicable.

ACADEMIC DEPARTMENTS

English

The primary purpose of the English program is to develop and refine student skills in both oral and written communication and to promote understanding of and appreciation for fine literature. Emphasis will be placed on reading and writing proficiencies, as well as evaluating the world's great literature against the standard of scriptural truth and wisdom. Junior high courses will give students the opportunities needed to improve reading, composition, and higher-level thinking skills. Emphasis will be placed on reading comprehension and reading analysis, vocabulary and spelling, mechanics of grammar, components of various types of compositions including the beginning stages of a research paper, and an increasing knowledge, understanding, and appreciation of literature. At this level, students will be taught the principles that literature should be evaluated by biblical standards and that lessons learned through the study of literature should be applied to life. High school courses will provide students with the opportunities needed to improve reading, composition, and higher-level thinking skills. Mechanics of grammar, components of compositions, vocabulary and spelling, and reading comprehension and analysis will be reinforced. At this level, emphasis will be placed primarily on detailed analysis of various selections from American literature, world literature, and British literature. All readings will be evaluated by biblical standards, and students will begin to see the correlation between an author's worldview and how it affects the work produced. Compositions will focus on students' analysis of literature, with special attention placed on communicating in a manner worthy of a Christian who desires to influence a world in need of Christ. Students will also have the opportunity to enhance and refine their oral communication skills through participating in dramatic readings, speeches, and class discussions. *Students must have four years of high school English to graduate.*

Mathematics

The mathematics department exists to help students learn to appreciate the orderliness of the creation and, by extension, the Creator; even as they learn to think logically and analytically using highly structured mathematical systems. A concurrent focus on the development of problem solving skills and methodologies gives the math program an important applications emphasis. *Students must have three years of high school math to graduate (Plan I) or four years (Plan II). All students must take Algebra I, Geometry, and Algebra II.*

Science

The primary goal of the science department is to teach essential scientific concepts, skills, and methodologies, and to encourage the development of higher-level thinking skills. The secondary goal is to help students better understand the Creator-creation relationship in the context of modern scientific knowledge and discovery. *Students must have three years of high school science to graduate (Plan I) or four years (Plan II). Students on Plan II must take Biology, Chemistry, and Physics.*

Social Studies

The social studies department has as its primary interest the social aspects of human existence and experience. Specifically, it examines the various institutions, relationships, ideas, and problems related to the origin, development, and essential nature of human society in general as well as specific cultures and societies. The primary goal of these courses is to prepare students for effective ministry and useful citizenship within whatever life station or geographical location the Lord should deem appropriate for their service. Students will be expected to develop the ability not only to understand and utilize general facts and ideas but also (and especially) to sift and evaluate a given culture's values, traditions, etc. through a biblical grid supported by a knowledge and

understanding of essential information and concepts associated with the areas of history, government, economics, and geography. These courses also prepare our students to have a strong biblical worldview of active and responsible citizenship. *Students must have three years of high school social studies to graduate (Plan I) or four years (Plan II). All students must take US History, Government, and Economics to graduate.*

Foreign Languages

The primary goals of the foreign languages department are to help students gain proficiencies in the use of a second language, to encourage the development of skills which will help students better understand and utilize the communicative power of languages in general, and to help students develop a greater awareness of, interest in, and increased appreciation for the people of other cultures. Ultimately, it is hoped that by achieving these goals our students might become better students of the Bible and more concerned and effective ambassadors for Christ. *Students must have two years of same foreign language to graduate.*

Technology

The technology department is dedicated to preparing students for both their academic pursuits and life in the 21st century, as with each passing year technology takes on a greater significance. Through these technology courses, students will develop a working knowledge of a variety of basic computer skills and applications. Students will also gain an understanding of the value of this expertise as well as a glimpse at the vast array of opportunities available today. Students may choose to further explore more advanced applications including computer programming. *Students must have one year of high school technology to graduate.*

COURSE LIST BY DEPARTMENT – JUNIOR HIGH

ENGLISH

COURSE PREREQUISITES

Students must have received a passing average (average of fall and spring semesters) from previous course or satisfactory performance on the appropriate placement test.

English: ENGL0601 Fall, ENGL0602 Spring

The sixth-grade course in English will continue to emphasize the development of skills in the use of oral and written language for the purpose of effective communication in the various subject areas. Students will be encouraged to apply their knowledge of grammar, vocabulary, and punctuation as they refine their composition skills. Sixth-grade reading materials will be drawn from a variety of genres and topics. Students will also be introduced to some fundamental concepts associated with the appreciation of literature. Students will complete several writing assignments, including a research paper appropriate for this grade level.

English: ENGL0701 Fall, ENGL0702 Spring

Students will be given the opportunity to write four-paragraph compositions, including a thesis statement, an outline, and introductory and concluding paragraphs. They will also have the opportunity to use new grammar concepts and reading vocabulary in their writing, and to correct and revise their compositions using an English handbook, dictionary, and thesaurus. Special emphasis will be placed on the concept that biblical principles should govern everything the Christian writes. In a similar vein, the principles that literature should be evaluated by biblical standards and that lessons learned through the study of literature should be applied to life will also be stressed. Grammar instruction will include a review of the eight parts of speech and their functions and emphasize skills related to editing for sentence fragments and run-ons, using correct punctuation in simple, compound, and complex sentence structures and other style improvements. Students will have the opportunity to develop some public speaking skills through expressing opinions during class discussions and giving oral presentations.

English: ENGL0801 Fall, ENGL0802 Spring

Students will be given the opportunity to refine their ability to write a standard four-paragraph composition with prewriting and thesis on a variety of academic subjects, using texts and research material to support the thesis and to provide interesting and relevant introductions and conclusions. They will also have the opportunity to develop skills in writing the first draft of an essay in a limited time period and in taking notes over literature and use them as a source for writing. Students will develop and refine their skills in evaluating themes, characters, conflicts, and structures of literature by biblical standards. They will continue to use new grammar concepts and vocabulary in their writing, and to correct and revise their compositions using an English handbook, dictionary, and thesaurus. Grammar instruction will focus on expanding the use of modifiers and phrases in writing, identifying and punctuating different types of phrases, utilizing an appropriate consistency of verb tense in writing, and learning to avoid ambiguous, implied and indefinite usage of pronouns. Students will have the opportunity to develop some public speaking skills through expressing opinions and responding to the comments of classmates during class discussions, presenting special projects, recitation of Scripture and poems, oral book reports, and chosen passages from literature.

MATH

COURSE PREREQUISITES

Students must have received a passing average (average of fall and spring semesters) from previous course or satisfactory performance on the appropriate placement test.

If your student is interested in the 5 year math track (AP Calculus as a senior), he/she will need to skip a Math class in Junior High or take Geometry in the summer in High School (between 9th and 10th grades). Below are the detailed options for junior high.

The preferred method is for students currently in 5th or 6th grade to take a placement test to skip 6th or 7th grade Math to move up one grade level. This gives them the opportunity to take 9th grade Algebra I as an 8th grader and put them on the track to take AP Calculus as a senior. It is not recommended to skip 8th grade Pre-Algebra.

6th Math: MATH0601 Fall, MATH0602 Spring

This course will focus on a review of basic arithmetic skills, as well as common and decimal fractions. Study also includes place value, ratio, proportion, percent, and geometry concepts. Probability, graphing, consumer applications, and pre-algebra skills are introduced. Memorization of basic facts will be mastered. Participation in math competitions will occur in class with top students competing at district level.

7th Math: MATH0701 Fall, MATH0702 Spring

This course is a bridge between mathematics fundamentals and pre-algebra. It includes the study of fractions, decimals, percents, word problems, geometry, perimeter, circumference, area, pi, volume, ratio, proportion, exponents, scientific notation, and much more. Participation in math competitions will occur in class with top students competing at district level.

Pre-Algebra: MATH0801 Fall, MATH0802 Spring

Pre-Algebra serves as the transition course from arithmetic to Algebra. The text used is designed so as to automate the use of fractions, mixed numbers, and decimals in all operations. Functions (linear and quadratic), polynomials (adding, subtracting, and multiplying), and Trigonometry are introduced. Perimeter, area, volume, and other geometric formulas are also introduced. The beginning concepts of Algebra will be practiced thoroughly.

SCIENCE

COURSE PREREQUISITES

Students must have received a passing average (average of fall and spring semesters) from previous course or satisfactory performance on the appropriate placement test.

Life Science: SCIE0601 Fall, SCIE0602 Spring

This course will begin with a discussion of science and its relationship to the Word of God. Students will study classification, cells, and biblical creation. Students will learn life processes of organisms, genetics, and biological evolution. The human body and its basic structure and function, microbiology, plant biology, and zoology will also be studied.

Earth Science: SCIE0701 Fall, SCIE0702 Spring

This course will study the earth, as related to the lithosphere, hydrosphere, celestial sphere, and earth's atmosphere. Students will study astronomy, oceanography, meteorology, and geological records that confirm the Biblical accounts of creation and worldwide flood. The course will not simply be a collection of facts, but a presentation of the interesting processes, historically important events, and the structures and actions that can be observed in or from the earth today. Students will complete an individual earth science project to be displayed at the Academic Showcase in the spring.

Physical Science: SCIE0801 Fall, SCIE0802 Spring

This course is an introduction to basic fundamentals of physics and chemistry, utilizing labs for hands-on application of these concepts. To further prepare students for high school science, emphasis will be placed on the scientific method, research techniques, and proper documentation of experiments, culminating with a kit-based science project in the spring.
Course Prerequisites: *Completed or enrolled concurrently in MATH0801 and MATH0802.*

SOCIAL STUDIES

COURSE PREREQUISITES

Students must have received a passing average (average of fall and spring semesters) from previous course or satisfactory performance on the appropriate placement test.

Ancient Studies: SOST0601 Fall, SOST0602 Spring

Students in this course will study ancient civilizations by geographical regions. It will begin in the Middle East, where history began, and continue through the history, geography, and culture of Europe, Asia, Africa, and Central America. A good introduction to worldwide missions and missionary heroes and the contrast of Christianity and other world religions are also presented.

Texas History: SOST0701 Fall, SOST0702 Spring

This course will focus on the history and geography of Texas and the shaping of its culture and governmental structure today. The student will have the opportunity to investigate the diverse nationalities that formed our state and appreciate the unique background we share as Texans.

American History: SOST0801 Fall, SOST0802 Spring

This course is a study of the history and geography of the United States beginning with early explorers and discovery of the continent of America continuing through major events that impact our history. The student will have the opportunity to investigate the early foundations of our national government; important issues and events that impact where our nation is today; and the individuals whose Christian influence changed society and helped pave the way to *one nation under God*.

BIBLE (6th-8th Grades)

This class is developed with the intent of moving students along in Bible knowledge and historical timelines. It is our desire to see this class become the most anticipated course of the day for students at Faith Academy.

Biblical Overview (6th grade): BIBL0601 Fall, BIBL0602 Spring

Story of Israel (7th grade): BIBL0701 Fall, BIBL0702 Spring

Story of Jesus & the Church (8th grade): BIBL0801 Fall, BIBL0802 Spring

ELECTIVES (6th-8th Grades)

Art: ARTS0681 Fall, ARTS0682 Spring

Students receive beginning art instruction that includes an introduction to drawing fundamentals, perspective, color study, pastels, watercolor, portraits, pen and ink, and block printing. *Students cannot take the spring semester of Art without previous art class experience. We encourage you to make this a full year of art.*

Introduction to Photography: PHTO0681

This one semester course is designed to show students how digital photography relates to traditional photography, how it can improve traditional picture-making, and how it diverges from traditional photography to open up new avenues for creative growth. The course covers digital imaging, proper exposure and composition of images, image capture and storage, basic and more advanced editing, digital printing and electronic publishing, and more. Students must provide their own digital camera.
Class size: *limited to 12 per semester*

Keyboarding: TECH 0681

This one semester course is designed to provide students with the technology skills needed for middle school. Students will learn and practice keyboarding skills and will be introduced to Word, Excel, and PowerPoint. This course is a prerequisite for enrolling in TECH 1301; students may place out of this class via placement testing.

Class Size: *limited to 12 per semester*

Introduction to Robotic Technology (Botball): BOTB0681 Fall, BOTB0682 Spring

Students, working in small groups, will design, build, and program a semi-autonomous robot. Students will learn the basics of programming in C, in order to direct the robot in completing a series of simple tasks. Robots are built from Lego® and metal components and are capable of utilizing a variety of electronic digital and analog sensors. Students will also participate in researching the varied current uses and possible future applications of robotics. This course will lead to a competition in the spring. *Students must take both fall and spring semesters.*
Course Prerequisites: *Ability to type 25 WPM*
Class size: *limited to 12 students*

Math Lab: MTLB 0671 Fall only (6th & 7th grade students)
Math Lab is designed to help students build a foundation in math by providing additional practice on fundamental concepts that are important for future math success. This course is for students who need extra review on math concepts. Students will not be working on homework for their current math class but reviewing concepts they need to review.

Technology I: TECH1301 Fall (3 credits), TECH 1302 Spring (3 credits)
(High School course open to 8th graders)
This required course focuses on practical applications in Microsoft Windows. Students will become proficient in Word, Excel, and PowerPoint, developing useful skills for the classroom and beyond. This class will allow students to earn 6 technology credits toward their high school diploma requirements.
Course Prerequisites: *Ability to type 25 WPM*
Class Size: *limited to 15 per section*

JUNIOR HIGH ATHLETICS

Junior high athletes will report at the beginning of the sport season. Available sports may vary subject to student interest. Practice start times are given as a guide for schedule; coaches will send out specific times and information. Students must turn in physical and any other required athletic forms before allowed to begin practicing.

Football: ATHL0681JF Fall

6th grade boys can choose between flag or tackle football, 7-8th grade boys will be enrolled in tackle. Open to 6th- 8th grade boys, fall competition, practice begins when school starts

Volleyball: ATHL0681V Fall

Open to 6th- 8th girls, fall competition, practice begins when school starts

Cheer: ATHL0681C Fall

Open to 6th- 8th girls, practice begins when school starts

Basketball: ATHL0681BB Fall (Boys), ATHL0681GB Fall (Girls)

Open to 6th- 8th grade boys and girls, winter competition, practice begins in October

Tennis: ATHL0682T Spring

Open to 6th- 8th grade boys and girls, spring competition, practice begins in late February

Track & Field: ATHL0682TR Spring

Open to 6th- 8th grade boys and girls, spring competition, practice begins in late February

JH Fitness Training: ATHL 0681FT, ATHL 0682FT
Students who enroll in a sport will be auto-enrolled in Fitness Training for the semester their sport starts (i.e. Fall- Football, Basketball, Cheer, Volleyball; Spring- Track, Tennis). If your student would like to participate in the class before their sport semester, you can enroll them in the class for an additional charge.

COURSE LIST BY DEPARTMENT – HIGH SCHOOL

COURSE PREREQUISITES

Successful completion of the preceding course in the Faith Academy sequence; satisfactory performance on the appropriate placement test and/or permission of the academic supervisor may be required; specific course prerequisites are listed where applicable.

ENGLISH

English I: ENGL1301 Fall (3 credits), ENGL1302 Spring (3 credits)

This English course provides instruction on the five-paragraph composition, both literary and style analysis and includes subtopic paragraphs, factual evidence for support, recognizing and avoiding the use of common fallacies of logic, and using an English handbook, dictionary, and thesaurus to correct and revise original writing. Students will also learn the research process and write a research paper. Concepts such as allusion, irony, symbolism, sound/syntax, and imaginative comparisons will be addressed in the literature element of the course, and special emphasis will be given to biographical purposes and styles. New vocabulary will be studied from the literature texts as well as from a vocabulary workbook. Students will continue to receive instruction toward the mastery of grammar fundamentals. They will also have the opportunity to develop public speaking skills through the use of oral reading and special projects, book reports, expressing opinions and responding to the comments of classmates during class discussions, and recitation of poems, Scripture, and chosen passages from literature.
Course Prerequisites: *Students must have received a passing average from ENGL0801 and ENGL0802 or satisfactory performance on the appropriate placement test.*

English II: ENGL2301 Fall (3 credits), ENGL2302 Spring (3 credits)

Through writing various types of essays and a research paper, students will be given the opportunity to refine their writing skills for college. The course will focus on Christian literature as a distinct genre, along with classic selections that reflect a Christian worldview. Students will learn to recognize how the worldview of an author affects theme, character development, and plot development, as well as more traditional literary analysis. Students will learn and use new vocabulary, apply grammar and punctuation fundamentals, and practice rules of style in their writing. They will also hone speaking and memory skills through the oral presentation of poetry, Scripture, literary passages, class discussions, and small group presentations.
Course Prerequisites: *ENGL1301 and ENGL1302*

English III: ENGL3301 Fall (3 credits), ENGL3302 Spring (3 credits)

Students will be given the opportunity to advance their writing skills in the form of literary essays, personal essays, and style analysis of selections from American literature, including a major research paper. They will apply their understanding of English grammar to improvement in writing, revision, and editing. Literary elements will be reinforced, with a focus on allusion, irony, symbolism, sound/syntax, and imaginative comparisons. Students will learn and apply new vocabulary words in their writing. Students will also enhance their speaking skills through oral presentations of poetry, Scripture, and literary passages.
Course Prerequisites: *ENGL2301 and ENGL2302*

English IV: ENGL4301 Fall (3 credits), ENGL4302 Spring (3 credits)

Students will improve writing style, learn new vocabulary, and work to improve composition skills by writing critical and evaluative essays and a research paper related to the study of British literature. Students will also participate in dramatic readings, persuasive and extemporaneous speeches, and class discussions.
Course Prerequisites: *ENGL3301 and ENGL3302 or ENGL 3301AP and ENGL3302AP*

Dual-Credit English IV: ENGL4301DC Fall (3 credits), ENGL4302DC Spring (3 credits)

A dual credit English course combines a study of British Literature with the first and second semesters of College English. Composition I is a study of the principles and techniques of written compositions including sentence structure, paragraph development, and paper organization. It also stresses the development of critical thinking as it applies to the textual analysis of expository prose. Composition II focuses on the development of critical thinking as it relates to the textual analysis of literary genres: short story, poetry, drama, and the novel. A formal research paper is required.
Course Prerequisite: *ENGL 3301 and ENGL3302 and CTC acceptance and enrollment by August 1*

For 2018-19, Dual Credit English IV will be offered to both 11th and 12th grade students. Starting in 2019-2020, 12th grade Dual Credit English will be changed to American Literature focus.

MATH

Algebra I: MATH1301 Fall (3 credits), MATH1302 Spring (3 credits)

Course coverage will include integers and rational numbers; equations and formulas; inequalities, exponents and polynomials; polynomials and factoring; graphs and linear equations; systems of equations; inequalities and absolute value; rational expressions and equations; radical expressions and equations; relations and functions; and quadratic equations. *Students who wish to take five years of math should take this course on the 8th grade level.*
Course Prerequisites: *MATH0801 and MATH0802*

Geometry: MATH2301 Fall (3 credits), MATH2302 Spring (3 credits)

This course includes a basic introduction to geometry including definitions and postulates; an introduction to proofs; the geometry of parallel lines and planes, congruent triangles and using congruent triangles with other figures, right triangles, and circles; area and perimeter of polygons, surface area, and volume; transformations, symmetry, and similarity; and an introduction to trigonometry. *Students who wish to take five years of math should take this course on the 9th grade level or when offered in summer between 9th and 10th grade years.*
Course Prerequisites: *MATH1301 and MATH1302*

Algebra II: MATH3301 Fall (3 credits), MATH3302 Spring (3 credits)

Course coverage includes real numbers and problem solving; equations in inequalities; relations, functions and graphs; systems of equations and problem solving; polynomials and polynomial equations; rational expressions and equations; introduction to matrices, operations with matrices, determinants, and inverses; powers, roots, and complex numbers; quadratic equations; quadratic functions and transformations; equations of second degree; polynomial functions; exponential and logarithmic functions; an introduction to conic sections; and trigonometric functions, identities and equations. *Students who wish to take five years of math should take this course on the 10th grade level.*
Course Prerequisites: *MATH1301 and MATH1302, MATH 2301 and MATH2302*

Business Pre-Cal: MATH 4301B Fall (3 credits), MATH 4302B (3 credits)

This course applies Algebra 1 concepts in practical business and personal finance contexts. Business math helps students achieve success by incorporating Algebra I, Algebra II, and Geometry topics. It encourages students to be actively involved in applying mathematical ideas to their everyday live – credit, banking insurance, the stock market, independent living and more.
Course Prerequisites: *MATH3301 and MATH3302*

Pre-Calculus: MATH4301P Fall (3 credits), MATH4302P Spring (3 credits)

This class follows Algebra II and reinforces and expands the concepts of functions and their graphs. It also includes polynomial and rational functions, exponential and logarithmic functions, solving systems of equations using matrices, conic sections, and graphing. Students will also learn the unit circle, right triangle trigonometry, trig functions of any angle, sine and cosine functions, radian and degree measure, inverse functions, graphs, applications & models, trig identities, formulas, vectors and the trig form of complex numbers.
Course Prerequisites: *MATH3301 and MATH3302*

AP Calculus: MATH5301 Fall (3 credits), MATH5302 Spring (3 credits)

This is the last course in a five-year math sequence that includes Algebra I, Geometry, Algebra II, and Pre-Cal. This course is an advanced form of mathematics that teaches the skill of solving problems in which the quantities are constantly changing (i.e. differentiated and integral calculus). At the end of this course, students will have the opportunity to take the AP Calculus exam.
Course Prerequisites: *MATH4301 and MATH4302*

SCIENCE

Biology: SCIE1301 Fall (3 credits), SCIE1302 Spring (3 credits)

This course provides a survey of the scope of biology, with emphasis on concepts that may be critical in future decisions on a personal, as well as social, level. Students will learn the use of the microscope, basic cytology, and zoology. This is a lab course that includes written lab reports and dissections.
Course Prerequisites: *SCIE0801 and SCIE0802, MATH0801 and MATH0802*

Chemistry: SCIE2301 Fall (3 credits), SCIE2302 Spring (3 credits)

Chemistry includes the study of the study of different substances to determine what they are made of, what qualities they have, and how they change when they combine with other substances. This chemistry course will present foundational ideas behind atomic structure, bonding, stoichio-metry, nomenclature, kinetic theory, solutions, equilibrium, thermo-chemistry, acid-base chemistry, and electrochemistry. It will also stress chemistry applications and promote the development of organized problem solving, classifying matter, quantifying chemicals, and predicting chemical phenomena. This is a lab course that will require students to learn and apply principles of modern chemistry.
Course Prerequisites: *SCIE1301and SCIE1302, MATH1301 and MATH1302*

Forensic Science: SCIE3301F Fall (3 credits), SCIE3302F Spring (3 credits)

Students will be introduced to forensic science, and the course will focus on practices and analysis of physical evidence found at crime scenes. The fundamental objective is to teach basic processes and principles of scientific thinking from multidisciplinary viewpoint. Students will use problem-solving skills to address real life situations that are not only science related, but cross the curriculum with critical thinking skills. Lab investigations include crime scene analysis and combine concepts from math, biology, chemistry, and physics.

Course Prerequisites: *SCIE 2301 and SCIE2302 or Academic Counselor approval*

Applied Physics: SCIE3301A Fall (3 credits), SCIE3302A Spring (3 Credits)

This course is designed to give students a strong conceptual foundation in physics principles including mechanics, properties of matter, sound, light, and electricity. This course will help students make connections between concepts of physics and their everyday life. *This course is not recommended for students who are interested in math or science based majors in college or any degree in upper-tiered 4-year universities.*

Course Prerequisites: *SCIE2301 and SCIE2302, concurrent with MATH 3301 and MATH 3302, and Academic Counselor approval*

Physics: SCIE4301 Fall (3 credits), SCIE4302 Spring (3 credits)

This math based course introduces students to fundamental concepts of physics, focusing on classical, or Newtonian, kinematics and mechanics. Students will use vectors to describe and analyze bodies at rest and in motion, as well as the forces acting upon them. Additional topics include periodic motion, waves, optics, electricity, and magnetism. Labs and projects will provide hands-on application of these concepts.

Course Prerequisites: *SCIE2301 and SCIE2302, MATH3301 and MATH3302*

Advanced Physics: SCIE5301P Fall (3 credits), SCIE5302P Spring (3 credits)

This course is the study of the physical world including matter and energy and their interactions. Topics covered in Physics will be explored in greater depth. Additional topics will include general and specific relativity, quantum theory, and the dual nature of light. Laboratory investigations will emphasize the development of process skills. *Lab course – students are required to meet on Tuesday or Thursday, once per grading period for extended lab period. Students will receive a schedule for these labs.*

Course Prerequisites: *MATH 3301 and MATH3302, SCIE 4301 and SCIE4302*

Advanced Biology: SCIE5301B Fall (3 credits), SCIE5302B Spring (3 credits)

Advanced Biology is a rigorous course which investigates biological principles in more depth and breadth than the first year course. Inquiry is paramount, both in the laboratory and in classroom discussions. Experiments focus on both qualitative and quantitative aspects of organisms, cells, genetics, and metabolic processes. Connections are made throughout the course to the individual lives of the students by incorporating current events into our discussions. *Lab course – students are required to meet on Tuesday or Thursday, once per grading period for a mandatory extended lab period. Students will receive a schedule for these labs.*

Course Prerequisites: *SCIE 2301 and SCIE2302*

SOCIAL STUDIES

World Geography: SOST1301 Fall (3 credits), SOST1302 Spring (3 credits)

World Geography is a survey of the earth and its resources, of the use of those resources, and of the geographic and cultural features of people in the various regions and countries of the world. Students will learn how physical geography affects the political and economic features of countries and the way of life of their peoples. As stewards of the resources God has provided, students will understand the responsibilities of the mandate that God has given us to exercise dominion over His creation.

World History: SOST2301 Fall (3 credits), SOST2302 Spring (3 credits)

This course is a study of world history and geography beginning with ancient civilizations and continuing through non-western empires, the medieval period, and finishing with WWII in the modern period. The student will be encouraged to better understand and interpret historical events with a biblical worldview.

U.S. History: SOST3301 Fall (3 credits), SOST3302 Spring (3 credits)

This course is a study of the history and geography of the United States and will provide students with a survey of important issues and events impacting the United States, beginning with the Revolutionary and continuing through modern times. The student will have the opportunity to investigate these events from the standpoint of a biblical worldview and appreciate the courage and sacrifice of past generations that provided the freedoms we enjoy today.

Dual Credit U.S. History: SOST3301DC Fall (3 credits), SOST3302DC Spring (3 credits)

This course is a survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction era to the present. The class includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, the Civil War/Reconstruction eras, industrialization, immigration, world wars, the Great Depression, Cold War and the post-Cold War eras. Themes that may be addressed in the class include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization, study of U.S. foreign policy, and the creation and expansion of federal government.
Course Prerequisite: *CTC acceptance and enrollment by August 1*

Federal Government: SOST4301 Fall (3 credits)

This course will break down the principles and mechanics of a constitutional republic into information students can understand. It will begin with an in depth and biblical look at the Constitution and the government it established as well as the rights and privileges it guarantees the American people. After studying the Constitution and the national government, students will learn about federalism and government at the state and local levels, political parties, elections, pressure groups, citizenship, and the opportunities and responsibilities of American citizens to get involved in their unique political system.
Course Prerequisites: *11th or 12th grade classification required*

Economics: SOST4302 Spring (3 credits)

This course will emphasize free enterprise capitalism in a free market economy. The Biblical views of work, wealth, and stewardship will help students to understand the proper economic roles of individual producers and consumers as well as that of the government. Essential concepts such as competition in the marketplace and private ownership of capital are discussed as well as basic economic principles affecting businesses, financial markets, and government.
Course Prerequisites: *11th or 12th grade classification required*

BIBLE (9th-12th Grades)

As a Christian School, the Bible is the cornerstone of a lifetime of faith in God and His son Jesus Christ. As a discipleship school, it is vitally important that students know the "sword of the Spirit" so that they may walk this life of faith. As such, Bible is credit bearing in the high school years and a requirement for graduation, with a semester of credit in Bible necessary for every semester a student is enrolled in High School at Faith Academy.

Old Testament (9th grade): BIBL1301 Fall (3 credits), BIBL1302 Spring (3 credits)

New Testament (10th grade): BIBL2301 Fall (3 credits), BIBL2302 Spring (3 credits)

Discipleship (11th grade): BIBL3301 Fall (3 credits), BIBL3302 Spring (3 credits)

Preparing to Go (12th grade): BIBL4301 Fall (3 credits), BIBL4302 Spring (3 credits)

FOREIGN LANGUAGE

Spanish I: SPAN1301 Fall (3 credits), SPAN1302 Spring (3 credits)

In a primarily Hispanic state, Spanish is becoming more and more vital to our economy and nation. This course provides students with an introductory level of Spanish. A connection between Spanish- and the many cultures that speak it - is achieved by emphasizing language skills as a means to understand, interact, and witness. Students are introduced to dialog, Spanish grammar and vocabulary, familiar passages of Scripture, rotating projects, oral presentations, current events, skits, games, native speakers, and role playing. Online tools are integrated into learning and homework. *This class is available for High School students only.*

Spanish II: SPAN2301 Fall (3 credits), SPAN2302 Spring (3 credits)

This course builds on previous knowledge by reviewing the basics of Spanish I. Spanish II is presented with more intricate grammar, conversation, and idioms. As with Spanish 1, a vital connection between Spanish and the cultures that speak it is achieved by emphasizing language skills as a means to understand, interact, and witness. Cultural understanding and comprehension are honed using an online immersion program. The program exposes students to multiple Spanish-speaking cultures, accents, and socio-economic levels. Bible passages in Spanish are studied, and dialog skills, multiple verb tenses and theme-based vocabulary are studied. In this course, students will have more sophisticated rotating projects, oral presentations, current events, skits, games, native speakers, role-playing, etc. as part of their program. Online tools are integrated into learning and homework.
Course Prerequisites: *Successful completion of Spanish I or satisfactory performance on placement test and permission of academic supervisor.*

Spanish III: SPAN3301 Fall (3 credits), SPAN3302 Spring (3 credits)

In Spanish 3, further development of students' mastery of vocabulary, written and oral communication skills, and grammatical structure with a special focus on verb forms. The course features true stories and letters from missionaries in Spanish-speaking countries as well as selections from Spanish literature. Language as well as culture is taught.
Course Prerequisites: *Successful completion of Spanish II or satisfactory performance on placement test and permission of academic supervisor.*

TECHNOLOGY

Technology I: TECH1301 Fall (3 credits), TECH1302 Spring (3 credits)

This required course focuses on practical applications in Microsoft Windows. Students will become proficient in Word, Excel, and PowerPoint, developing useful skills for the classroom and beyond.
Course Prerequisites: *TECH 0681 or ability to type 25 WPM*
Class Size: *limited to 15 per section*

Photography: PHTO 2301 (3 credits)

This one semester course is designed to show students how digital photography relates to traditional photography, how it can improve traditional picture-making, and how it diverges from traditional photography to open up new avenues for creative growth. The course covers digital imaging, proper exposure and composition of images, image capture and storage, basic and more advanced editing, digital printing and electronic publishing, and more. Students must provide their own digital camera.
Course Prerequisites: *TECH 1301 and TECH 1302*
Class Size: *12 students per section*

Multimedia: MLMD 4301 Fall & MLMD 4302 Spring (6 credits)

This course requires enrollment in both the Fall and Spring semesters. *This course can count for a Technology credit or a Fine Arts credit but not both.*
This is an instructional course covering a variety of media including computer journalism, school newspaper and video productions. Students will gain technical expertise in capturing quality images, apply image editing techniques to photographs, and develop skills in visual communication and presentation.
Course Prerequisites: *TECH 1301 and TECH 1302*
Class Size: *12 students per section*

ACADEMIC ELECTIVES

Personal Finance: PFIN3301 (3 credits)

This course utilizes the Financial Peace University curriculum, a life-changing program that teaches students how to make the right decisions with their money. The lessons will provide a biblical foundation for personal finance, including how to save money, live on a budget, communicate about money, eliminate debt, find bargains, and experience the joy of giving.

Speech Communications: SPCH1301 (3 credits)

Speech Communications is a one-semester course designed to help develop the skills necessary to become an effective communicator. This course exposes students to the communication process. Students will actively participate in a variety of communication experiences including but not limited to, the interview process, informal debate, public speaking (demonstration, narrative, persuasive), extemporaneous and impromptu speeches. *This course is required for graduation.*

Math Lab: MTLB 1301 (3 credits) (8th & 9th grade students)

Math Lab is designed to help students build a foundation in math by providing additional practice on fundamental concepts that are important for future math success. This course is for students who need to work on Algebra I concepts. Students will not be working on homework for their current math class but reviewing concepts they need to review.

Dual Credit Statistics: STAT 3301DC Fall (3 credits)

Topics include the collecting, organizing, and displaying of data; measure of central tendency; measures of variation; histograms; probability and probability distributions; binomial distributions; normal distributions; linear regression and their applications.
Course Prerequisites: *11th or 12th grade classification required and CTC acceptance and enrollment by August 1*

Dual Credit Psychology: PSYC3301DC (3 credits)

This one-semester course is a survey of major topics in psychology. It will introduce the study of behavior and the factors that determine and affect behavior.
Course prerequisites: *11th or 12th grade classification required and acceptance and enrollment with CTC by August 1*

FINE ARTS ELECTIVES

Art: ARTS1301 Fall (3 credits), ARTS1302 Spring (3 credits)

Faith Academy art classes promote a godly approach to both the practice and the enjoyment of the arts. Courses encourage the development of technical and artistic skills, but also promote a greater understanding of the value of the arts in developing critical thinking skills and an improved ability to employ the communicative power of the arts as a means of reaching out to others. Art instruction at Faith Academy begins with an introduction to drawing fundamentals, perspective, color study, pastels, watercolor, portraits, pen and ink, and block printing. The advanced student will be given further instruction in the areas above, plus life drawing, oil painting, collage and mixed media, linoleum block, and calligraphy. High school students will be given the opportunity to enter superior artwork in either ACSI or TAPPS competitions. Student artwork will be displayed at the Faith Academy Academic Showcase.
Students will be charged for an art kit in the first two weeks of the school year; see pricing on textbook list. *Students can take an additional year(s) of Art for additional elective credit.*

<u>Multimedia:</u> MLMD 4301 Fall & MLMD 4302 Spring (6 credits)
This course requires enrollment in both the Fall and Spring semesters. *This course can count for a Technology credit or a Fine Arts credit but not both.*
This is an instructional course covering a variety of media including computer journalism, school newspaper and video productions. Students will gain technical expertise in capturing quality images, apply image editing techniques to photographs, and develop skills in visual communication and presentation.
Course Prerequisites: *TECH 1301 and TECH 1302*
Class Size: *12 students per section*

STUDY HALLS

These are non-credit classes that enable the student to complete home assignments from other courses and remain on campus during a break in the class schedule (students must be in class or study hall during school hours). The study hall is a "library" environment where students are expected to remain quiet throughout the period independently working on school assignments or reading. Study halls will be created based on the number of students requesting throughout the school day.

Please select Study Hall under the Electives section on your registration form. When building the student's schedule, we will enroll them in whichever Study Hall fits. We do not have study hall classes every class period.

HIGH SCHOOL ATHLETICS

Faith Academy will develop both boys' and girls' athletics based on student interest and participation. The purpose of the athletic program is to use athletic competition as a tool to improve the student and give the student an opportunity to glorify God with his or her talents and desires. Our goal is to compete with other similar schools in the area through TAPPS competition. Eligibility for participation is based on fall and spring grades. Practice start times are given as a guide for schedule; coaches will send out specific times and information.

Football: ATHL1301F (3 credits)

Open to 9th-12th grade boys, fall TAPPS competition, practice begins in August

Cheer: ATHL1301C (3 credits)

Open to 9th-12th grade girls

Cheer clinic & tryouts will occur in April for the upcoming school year's squad. Contact Athletics for information. Students will attend a cheer camp during the summer and practice begins in August.

Volleyball: ATHL1301V (3 credits)

Open to 9th-12th grade girls, fall TAPPS competition, practice begins in August

Cross Country: ATHL1301CC (3 credits)

Open to 9th-12th grade girls and boys, fall TAPPS competition, practice begins in August

Swimming: ATHL1301S (3 credits)

Open to 9th-12th grade boys and girls, fall/winter TAPPS competition, practice begins late September

Basketball: ATHL1301BB (Boys – 3 credits), ATHL1301GB (Girls – 3 credits)

Open to 9th-12th grade boys and girls, winter TAPPS competition, practice begins in late October. Optional off-season practice information will be sent by coaches.

Tennis: ATHL1302T (3 credits)

Open to 9th-12th grade boys and girls, spring TAPPS competition, practice begins in late January

Track & Field: ATHL1302TR (3 credits)

Open to 9th-12th grade boys and girls, spring TAPPS competition, practice begins in late January

Golf: ATHL1302G (3 credits)

Open to 9th-12th grade boys and girls, spring TAPPS competition, practice begins in February

Baseball: ATHL1302B (3 credits)

Open to 9th-12th grade boys, spring TAPPS competition, practice begins in late January

Softball: ATHL1302GS (3 credits)

Open to 9th-12th grade girls, spring TAPPS competition, practice begins in late January