



SPIRIT CHRISTIAN ACADEMY

2011-2012

SECONDARY COURSE DESCRIPTIONS

1372 Irvine Blvd., Tustin, CA 92780 Phone 714-731-2630 Fax 714-731-2639

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Spirit Christian Academy 2011-2012 Secondary Course Descriptions Biblical Studies

Junior High Bible First Semester

Seventh – Eighth

Second Semester

Jr. High Bible - Apologetics

This course helps students to develop critical thinking minds in order to defend their Christian faith. It will help students to learn how to demolish many of the arguments against Christianity and to have fun doing it. As a result, students increase their confidence in and understanding of the tenets of the Christian faith, as well as the ability to answer some of the basic arguments against Christianity. Some of the topics are: Is the Bible a reliable text? What does it mean to be a Christian? Is Jesus Christ the Messiah spoken about in the Old Testament? What are some of the problems with evolution?

Parental Role: Guide for Dependent Study

Prerequisite: None

Girl's High School Bible

Freshman - Senior

First Semester

Second Semester

God calls each of us to a passionate love relationship with Himself. This class will be focusing on what it means to know God intimately and serve Him with all of your heart. Through group discussion, interactions and practical application we will concentrate on searching God's Word for answers to many of life's questions. We will also focus on developing a daily quiet time and growing in our prayer life.

Parental Role: Guide for Independent Study

Prerequisite: None

Old Testament Survey

Freshman - Sophomore

First Semester

Second Semester

This course is designed to give students an introduction and overview of the Old Testament as it relates to contextual, cultural, and present day understanding. Throughout the course of this class, students will dig deep into the text in an attempt to reconstruct the history of Israel and the events that led up to the formation of the New Testament. Students will be led through the Old Testament Canon (Genesis - Malachi) to understand the context of the writings and the purpose behind them, as well as to formulate a present day application from them.

Parental Role: Guide for Independent Study

Prerequisite: None



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Biblical Studies

New Testament Survey

Junior – Senior

First Semester

Second Semester

This course is designed to give students the background and overview of the New Testament as it relates historically, theologically, and contextually to past and present day understanding. Through this course, students will discover the character of Jesus Christ in his life, teachings, and ministry through the Gospel writings, as well as seek to understand the various letters of Paul and other writings that help to build the foundation of the early church. Using the book of Acts as a foundation, students will discover life applications and biblical principles regarding the morals and character of the Christian faith and life.

Parental Role: Guide for Independent Study

Prerequisite: None

Defending Your Faith

Freshman – Senior

First Semester

Second Semester

This course is designed to challenge students to hold to a strong Biblical worldview which will serve to strengthen their Christian beliefs as they interact within a hostile secular culture. According to Scripture, there are only two worldviews— a Biblical worldview, and a nonBiblical worldview. The Biblical worldview is based upon Truth, whereas a nonBiblical worldview is based upon lies. The first part of this course will include going through Focus on the Family's apologetic presentation of "The Truth Project." For detailed information on "The Truth Project," please visit www.thetruthproject.org. The second part of this course will deal with examining other belief systems of the world and how they differ from the Christian faith. This course will also integrate the necessary tools of logic and argumentation to better equip students in defending their faith.

Parental Role: Guide for Dependent Study

Prerequisite: None

Understanding the Times

Junior – Senior

First Semester

Second Semester

This class is a study of the four basic religious worldviews of our time, which are Secular/Humanism, Marxist/Leninism, Cosmic/Humanism and Biblical Christianity. It includes the roots of each view and the results of each in society. Each worldview's approach to ten basic disciplines is addressed. Practical application units in the current cultural problems, leadership, communication and marriage/family are added.

Parental Role: Guide for Dependent Study

Prerequisite: None



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Biblical Studies

Biblical Applications

Freshman – Senior

First Semester

Second Semester

This class is a Thursday night Bible study for high school students. Boys and girls meet separately for intimate discussions on how to use the Bible to deal with every day battles.

Parental Role: Guide for Independent Study

Prerequisite: None



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Computer Science

Graphic Design

Jr. High - Senior

First Semester

Second Semester

Graphic Design is intended to be a first course in computer aided page design. The skillful combining of images and text become the core of this course. It is a working studio class and through demonstrations and hands on work you will learn to solve visual problems using Adobe Photoshop CS2 and Adobe InDesign CS2. This "hands on" experience is the key to success in this class. In the end, you will work on traditional design problems leading to a portfolio of 10 pieces illustrating concepts learned.

Parental Role: Guide for Dependent Study

Prerequisite: None

Microsoft Office

Freshman - Senior

First Semester

Second Semester

Microsoft Office consists of several programs: a word processor (Word), a spreadsheet program (Excel), a presentation graphics program (PowerPoint), a personal information organizer (Outlook), a data base program (Access), and a Web page design and management program (FrontPage). Although every program shares similar commands and menus to make them all easier to use, you may still find the task of figuring out how to use each program a bit daunting. That's why the Microsoft Office class explicitly and gently explains the basics for using each program so that you can get started using them right away.

Parental Role: Guide for Dependent Study

Prerequisite: None

Video Editing

Freshman – Senior

First Semester

Second Semester

This course is an introduction to the study and practice of electronic cinematography techniques. The main focus of the course will be practical, affording students ample time to produce original works. In doing so, students will begin to master the use of the computer as an artistic tool and to explore how they might draw on other media (music, painting, theater, and sculpture) in their productions. We will inform this practical focus by attending, as well, to the theoretical and historical context of digital cinema in order to better understand the current problems facing the genre and the role that digital technology might have in expanding cinematic language and tradition.

Parental Role: Guide for Dependent Study

Prerequisite: None



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Electives

Strengthening Reading, Listening, Note Taking & Writing First Semester Only

Seventh – Senior

This class will give the students practice they need to ensure comprehension and good tests scores today and good life skills for tomorrow. They will learn to organize their thoughts for writing assignments and homework, comprehend reading passages and construct strong written responses on tests, and perform effectively on listening test items. This course is offered with Basic Keyboarding (see below).

Parent Role: Guide for Dependent Study

Prerequisite: None

Keyboarding – Second Semester Only

This 7-12 grade course is designed to increase student keyboarding skill through drill practice and reinforcement of correct techniques. Students will use word processing software to create, format, and edit personal and business documents.

Parent Role: Guide for Dependent Study

Prerequisite: None

Speech

Seventh – Senior

First Semester

Second Semester

The speech and debate course emphasizes the ability to speak and perform in front of audiences. This course will teach students the skills required for presenting a speech: analyzing an audience, listening, coping with fear, and using visual aids. It will also teach students the skills they will need to prepare a speech: researching a topic, analyzing arguments and texts, and organizing and outlining material. The debate portion of the course covers the principles of persuasion, argumentation, debate and their application to issues of current public interest. This course begins to prepare students for debate tournaments. Study will concentrate on critical thinking and analytic skills as well as the preparation of presentations based on research and reading.

Parental Role: Guide for Dependent Study

Prerequisite: None

Student Council Leadership Team

Seventh – Senior

First Semester

Second Semester

This is a class offered to those students who desire to be part of the Spirit Academy Leadership Development Team. This is an opportunity to teach and implement leadership development that encompasses student life programs, class council committee roles for service projects and school events and class officer positions. (For example, but not limited to service projects, mission trips, venturing trips, dances, fund raisers, lunch time activities, etc.)

Parent Role: Guide for Independent Study

Prerequisite: None



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Electives

A History of War **First Semester** **Second Semester**

Freshman - Senior

Analyzing centuries of conflict from the jungles of the Amazon to the deserts of Afghanistan, war has been waged by nomadic horsemen, peasant farmers, guerilla armies, and superbly disciplined warriors over the course of history. This class seeks to unveil the deepest motives behind humanity's thirst for warfare, God's viewpoint on war, and how war relates to our Christian and religious understanding we have today. Through concepts such as the Holy War, students will seek to understand why God allows warfare to happen, and why mankind is so driven to this violent act.

Parental Role: Guide for Dependent Study

Prerequisite: None

Science of Cooking **First Semester** **Second Semester**

Freshman – Senior

This course is designed to give the students a basic understanding food and cooking through the eyes of science. A full semester will be devoted to nutritional science to give students the basic understanding they need for proper food choices in life. Biblical as well as sound scientific principles will be employed to the study of nutrition. Different techniques in preparing food will be discussed and practiced using basic scientific principles to explain how these techniques are actually enhancing the food we eat. The course will cover nutritional topics such as: proteins carbohydrates and fats, as well as many cooking topics including making gravy, making yogurt, how baking soda works and food temperature.

Parental Role: Guide for Independent Study

Prerequisite: None

Foundations in Personal Finance **First Semester** **Second Semester**

Junior - Senior

Foundations in Personal Finance is designed to empower students to make Biblically sound financial decisions for life. Using methods that are both entertaining and engaging, this class provides the next generation a solid foundation on which they can build their financial future. Students will learn the value of earning, saving, & giving and how debt is the enemy of wealth.

Parental Role: Guide for Independent Study

Prerequisite: None



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Electives

Yearbook

Freshman – Senior

First Semester

Second Semester

This course will provide students with the opportunity to plan, develop, and produce the school's yearbook. In order to achieve this goal, students will create page layouts, choose appropriate photos, and skillfully write copy for pages assigned to them. They will also help choose and develop the yearbook's theme.

Please note: Computer Credit is not given for this course; it is an elective.

Parental Role: Project Assistant

Prerequisite: Approval of Yearbook Teacher.

Student Aid

Freshman - Senior

First Semester

Second Semester

This is designed for students who want to be a TA for teachers during school hours. Tasks will consist of photocopying, etc.

Parental Role: Guide for Independent Study

Prerequisite: Teacher Approval



Spirit Christian Academy 2011-2012 Secondary Course Descriptions English Literature

Literature 7

Seventh Grade

First Semester

Second Semester

Students will be introduced to the five-paragraph composition, including an original thesis, an outline, and introductory and concluding paragraphs. They will correct and revise their compositions using new grammar concepts. An important element of the curriculum is its stress on vocabulary development, thereby preparing the students for increased reading comprehension in all academic subjects. Students will be introduced to many genres of literature through short stories, poetry, non-fiction, drama and novels, and learn to evaluate them by Biblical standards and principles.

Parent Role: Guide for Dependent Study

Prerequisite: Sixth Grade Language Arts

Literature 8

Eighth Grade

First Semester

Second Semester

Students will refine their ability to write a standard seven-paragraph composition with outline and thesis on a variety of academic subjects, using the text, classic literature, and research to support the thesis and to provide interesting and relevant introductions and conclusions. Students will be introduced to many genres of literature through short stories and novels and learn to evaluate them by Biblical principles. The class will also place an emphasis on literary terms as well as the analysis of literature studied in class. An important element of the curriculum is its stress on vocabulary development, thereby preparing the students for increased reading comprehension in all academic subjects.

Parent Role: Guide for Dependent Study

Prerequisite: Seventh Grade Literature

Elements of Literature

Freshman

First Semester

Second Semester

This class takes the next step from Bob Jones University's *Fundamentals of Literature*, and explores the *Elements of Literature*, a collection of short stories, excerpts, poems, and some complete works, such as William Shakespeare's famous love story, Romeo and Juliet. To supplement this literature, the class also examines core novels. Classical vocabulary assignments will be given in addition to other assignments that supplement the core works of literature. The use of twenty-five minute writes prepares students for the timed essay portion of the SAT and sharpens their ability to brainstorm and develop ideas quickly. Argument and analysis are stressed in this class in both classroom discussions and writing assignments. Creative writing will also be explored.

Parent Role: Guide for Dependent Study

Prerequisite: None



Spirit Christian Academy 2011-2012 Secondary Course Descriptions English Literature

World Literature First Semester Second Semester

Sophomore

This senior literature course will examine literature from a historical and geographical perspective, covering ages from Ancient Greece to modern times. A textbook will be used to introduce short fiction and poetry, and will be supplemented with Shakespearean drama and classic novels from a variety of continents and eras. Analytical essays will be used to evaluate the student's comprehension, and to develop research and expository skills. The overall objective of this course is to help prepare students for college level writing and literature courses.

Parent Role: Guide for Independent Study

Prerequisites: Elements of Literature – Freshman

American Literature First Semester Second Semester

Junior

With two preparatory courses in both fundamentals and elements of literature, this course explores American Literature as arranged by Pearson/Prentice Hall. To compliment this survey study, core novels are explored in-depth. Classical vocabulary assignments will be given in addition to work that will supplement the core works of literature. The use of twenty-five minute writes prepares students for the timed essay portion of the SAT and sharpens their ability to brainstorm and develop ideas quickly. Argument and analysis are stressed in this class in both classroom discussions and writing assignments. Creative writing will also be explored.

Parent Role: Guide for Independent Study

Prerequisite: World Literature -Sophomore

British Literature First Semester Second Semester

Senior

This course uses the Prentice Hall Literature text *The British Tradition*. It provides an overview of British literature and is a resource text for the year. It covers the eight major periods in British Literature, from the Old English era to the Modern Era. In addition, each quarter we will be doing an in-depth study of a supplementary text. We will be reading *Beowulf* (an epic poem) during the first quarter. The second quarter will be focused on several of Shakespeare's plays and sonnets. During our study of the Romantic era, we will be reading *Jane Eyre*, and our final quarter will include a study of *The Screwtape Letters*. We will be practice a variety of writing styles, including narratives, compare/contrast essays, persuasive essays, and a final research paper, as well as creative and informal writing projects. The goal of this course is to increase student appreciation for the British heritage and influence, prepare students for college level writing, and encourage a love of reading.

Parent Role: Guide for Independent Study

Prerequisite: American Literature-Junior



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Fine Arts

Jr. High Fine Arts Color and Composition First Semester Second Semester

Seventh – Eighth Grade

This course will present an in-depth look at color theory and how to apply it using dry media of soft, hard, and oil pastels. The element of color is explored. Composition as it relates to color is further examined covering ideas of depth and perspective found throughout the world. This is a comprehensive Art program designed to involve the student in the creative process while developing observation skills. Plus Master works featuring World Art are presented.

Parental Role: Project Assistant

Prerequisite: None

Jr. - Sr. High Fine Arts Water Color Application First Semester Second Semester

Seventh - Senior

This course will present the fundamentals of color theory along with a thorough study of watercolor techniques. Composition is emphasized in abstract and realistic works using landscape, still life, and portraits. Critical analysis of art work is stressed in the application of the creative process. Art appreciation is included as students evaluate works of European masters and apply techniques.

Parental Role: Guide for Independent Study

Prerequisite: None

Photography First Semester Second Semester

Freshman – Senior

In this class, we will learn both the technical aspects of photography as well as the artistic aspects. We will emphasize portraiture and people in the first semester, and art photography in the second semester. We will be learning on digital cameras, so we will be learning basics of retouching and photo manipulation in Adobe Photoshop. Depending on time, we may also learn some alternative photographic techniques, such as infrared photography and hand-tinting, and the importance of expressing emotion and personal style in your photographic work.

Parental Role: Project Assistant

Prerequisite: Basic operating knowledge of digital camera



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Fine Arts

Art History

Sophomore - Senior

First Semester

Second Semester

This course is designed to explore History through art appreciation. Key aspects include:

1. Judaism: the symbolism and beauty of God's Tabernacle relating to today's modern symbols.
2. The Early Christian Church and the purpose of mosaics.
3. The Muslim culture with the development of Islam and the effects on the world today.
4. Renaissance and Reformation – Catholics, Lutherans and Protestants
5. Modern Art and Impressionism; Industrial, Revolution and the growth of Religious Cults.
6. Today – pop art, post modernism and the influence of Far East religion and philosophies.

Art projects will include: Computer graphic bumper stickers, mosaic cross, stained glass cross, and a final artist of choice rendition.

Required Field Trip: Getty Museum in the Spring (approx. \$10)

Parental Role: Guide for Independent Study

Prerequisite: Completion of World History and/or Geography



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Foreign Language

Spanish I

Freshman – Senior

First Semester

Second Semester

This is an introductory course to the Spanish language and the Spanish people. Classroom time will be spent in developing listening skills and practicing appropriate levels of conversation. There will be a strong emphasis on becoming comfortable with the foundational structures of the Spanish language. The most frequently used forms of speech will be highlighted. Vocabulary acquisition and conjugating a variety of regular and irregular verbs in the present tense will be of greatest importance. Grammatical concepts such as accuracy in noun/adjective agreement, effective usage of the comparative forms of adjectives and adverbs, correct placement of direct object pronouns and precision in utilizing interrogatives will all be significant. We will be learning greetings and introductions, how to find one's way in a new situation, and using numbers in telling time, money transactions and dates. We will be memorizing Scripture and Gospel phrases, as well as acquainting ourselves with the Latino way of life, which is intended to impart to us all a love for and understanding of Spanish-speaking people.

Parental Role: Guide for Dependent Study

Prerequisite: None

Spanish II

Sophomore – Senior

First Semester

Second Semester

Spanish II will continue the emphasis of Spanish I. We will add new situations and life insights which will bring a deeper grasp of ways to relate and communicate in this romantic language. There will be a continuing focus on giving students practical tools for everyday occasions. We will highlight Latin America, the people and their usage of the language. We will learn to go shopping, to eat in a restaurant, to visit the doctor, to make a hotel reservation, and to share the Gospel. Conversation will become more important in the classroom. Grammatical concepts will continually be explained, reviewed and monitored to see that each student knows what he or she is saying. We will thoroughly explore the preterit and imperfect verb tenses.

Parental Role: Guide for Dependent Study

Prerequisite: Spanish I

Spanish III

Junior – Senior

First Semester

Second Semester

Spanish III allows the student to continue to grow in his/her command of Spanish. Conversational involvement becomes even more important to this growth. New concepts this year include identifying and using the subjunctive mode. By course design, much of the material has been taught in levels I and II. Our adventure in level III will be to experience the language and the people. Proper usage will continually be assured by explanation and practice. Appropriate insights into Latino life will be provided in order to give the student opportunity to develop this beautiful language into a significant help to his/her own life. The course material provides a broad spectrum of practical situations for this to take place. We will use Bible verses and continue our focus on equipping the students to share their faith.

Parental Role: Course Monitor

Prerequisite: Spanish II



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Mathematics

Jr. High Math

Seventh – Eighth Grade

First Semester

Second Semester

The focus of the early chapters is on rational numbers, their operations, and their algebraic representations. Students will build their understanding of these concepts using models, such as rulers, number lines, and verbal models. Students will also apply their skills to problem solving situations and use estimation to check reasonableness. Topics from math strands, such as measurement conversions, area, averages, and data displays, are introduced early in the course and then integrated and expanded throughout. The later chapters include topics such as equations and functions, geometry, square roots, and probability. The number and variety of problems, ranging from basic to challenging, give students the practice they need to develop their math skills.

Parental Role: Guide for Dependent Study

Prerequisite: Sixth Grade Math

Pre-Algebra

Seventh Grade – Eighth Grade

First Semester

Second Semester

The class will start with a focus on algebraic expressions and the manipulation of integers. One step linear equations and inequalities will then be introduced, gradually moving the student from integers to using equations comprised of decimals, fractions, exponents, ratios, proportions and percentages.

Parental Role: Guide for Dependent Study

Prerequisite: Sixth or Seventh Grade Math

Algebra 1

Eighth Grade - Freshman

First Semester

Second Semester

The objectives of this course include the following: the understanding of the properties and structure of our number system and its operations, the development of skills basic to the solving of quantitative problems that arise in science, business and more advanced mathematics, and the extension of the techniques of reasoning. The course content includes the following: work with sets of rational and irrational numbers and their properties, solution of linear equations and inequalities and graphs of both linear and quadratic functions, solving systems of equations both graphically and with linear combinations, products and factoring of polynomial, rational expressions, exponents, elementary statistics and probability, and problem-solving.

Parental Role: Guide for Dependent Study

Prerequisite: Pre-Algebra



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Mathematics

Geometry

Freshman - Sophomore

First Semester

Second Semester

This is a traditional course in Euclidean plane and three-dimensional geometry. Special emphasis is placed on logic and proof. This course is designed to help students become logical thinkers and to help prepare them for college or vocational level courses.

Parental Role: Guide for Dependent Study

Prerequisite: Algebra 1

Consumer Math

Freshman - Senior

First Semester

Second Semester

This course prepares students to make financial decisions by giving instruction about credit card charges, taxes, interest on loans and savings, personal banking, and costs of transportation, food, clothing, utilities, insurance, and filling out income tax forms. Being a good steward of the Lord's money is the primary emphasis.

Parental Role: Guide for Dependent Study

Prerequisite: None

Algebra 2

Sophomore - Junior

First Semester

Second Semester

This course includes the study of functions and second degree equations, approached both graphically and analytically, as well as topics in probability and data analysis. A graphing calculator is required.

Parental Role: Guide for Independent Study

Prerequisite: Geometry

Pre-Calculus

Junior - Senior

First Semester

Second Semester

This course continues the study of functions, examining them both graphically and analytically. It emphasizes trigonometry, analytic geometry, conic sections and quantitative literacy. A graphing calculator is required.

Parental Role: Guide for Independent Study

Prerequisite: Algebra 2



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Physical Education

Physical Education-Co-Ed First Semester Second Semester

Seventh Grade – Senior

This class is designed to present a comprehensive physical fitness program or just compliment an already existing sports program. We will be continually working on building strength and endurance, with an emphasis on correct form and technique. This class will accommodate all levels of fitness and is sure to improve strength and cardio fitness. Our classes' goals are to receive the Presidential Fitness Award, and improve overall health and fitness. Plus we have fun!!

Parental Role: Guide for Independent Study
Prerequisite: None

Physical Education-GIRLS ONLY Strength & Stretching First Semester Second Semester

Seventh Grade - Senior

This class concentrates on body sculpting and toning using resistance with weights and bands. Stretching will be incorporated to lengthen and relax muscles.

Parental Role: Guide for Independent Study
Prerequisite: None



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Science

Life Science

Seventh Grade

First Semester

Second Semester

This class includes a survey of life, the cell, beginnings, genetics, the five kingdoms, ecology and the human body. The emphasis is on learning through labs and class activities, reinforced by written work and projects.

Parental Role: Guide for Dependent Study

Prerequisite: None

Physical Science-Jr. High

Eighth Grade

First Semester

Second Semester

Through a variety of projects, laboratory activities, and group and class discussions, students will explore the scientific concepts of chemistry, astronomy, and physics. This course utilizes a hands-on, inquiry based approach to learning. Use of scientific tools and instruments is stressed, as well as thinking critically, reading comprehensively, writing and evaluating laboratory results and working cooperatively in groups.

Parental Role: Guide for Dependent Study

Prerequisite: None

Biology

Freshman – Sophomore

First Semester

Second Semester

This class will include the study of all five kingdoms, the cell and organic chemistry, beginnings, genetics, ecosystems, and the human body. The emphasis will be on learning through labs, reinforced by written work and projects.

Parental Role: Guide for Dependent Study

Prerequisite: None

Physical Science-High School

Ninth – Senior

First Semester

Second Semester

This course introduces high school students to the broad spectrum of science study while developing reading and math skills. This program maintains a traditional emphasis on physical science while integrating physics, chemistry, Earth science, and space science. The textbook covers many topics including Matter, Atoms, Periodic Table, Chemical Reactions, Motion, Forces and much more.

Parental Role: Guide for Dependent Study

Prerequisite: None



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Science

Anatomy and Physiology

Sophomore - Senior

First Semester

Second Semester

This course is designed for students who have a strong interest in biology and wish to learn in detail about the structure and function of the human body. It is an upper level life science elective that is demanding, but not as rigorous as an advanced placement course. Laboratory investigations, simulations and dissections are an integral part of the course. The course is well suited for students wishing to pursue a career in the health care field.

Parental Role: Guide for Independent Study

Prerequisite: Algebra 1 "C" or better, Biology "B" or better, & Chemistry "C" or better OR concurrent enrollment in Chemistry & instructor approval

Chemistry

Sophomore – Senior

First Semester

Second Semester

This course is designed to be a first-year high school chemistry course and gives the student a rigorous foundation in chemistry, in order to prepare him or her for a college-level course. The course covers significant figures, units, classification, the mole concept, stoichiometry, thermochemistry, thermodynamics, kinetics, acids and bases, redox reactions, solutions, atomic structure, Lewis structures, molecular geometry, the gas laws, and equilibrium. Students who take and understand this course will be very well-prepared for a tough university chemistry course.

Parental Role: Guide for Independent Study

Prerequisite: Algebra 1

Physics

Junior – Senior

First Semester

Second Semester

This college-prep physics course is designed for the student who has completed Algebra 2 and has had an introduction to the definitions of sine, cosine, and tangent. It provides a detailed introduction to the methods and concepts of general physics. Heavily emphasizing vector analysis, this course is ideal preparation for a college-level physics course. It provides the student with a strong background in one-dimensional and two-dimensional motion, Newton's laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, electrical circuits, and magnetism.

Parental Role: Guide to Independent Study

Prerequisite: Algebra 2



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Social Studies

World Studies

Seventh Grade

First Semester

Second Semester

This course is a survey of world history from 1100 to the present time. Upon completion of this course, students will be able to demonstrate an understanding of God's sovereign hand upon the world's history, different cultures, world geography, significant people in world history, and important dates in world history.

Parental Role: Guide for Dependent Study

Prerequisite: None

American Republic

Eighth Grade

First Semester

Second Semester

This course is a survey of American history from the discovery of America to the beginning of the 21st century. Upon completion of this course, students will be able to demonstrate an understanding of God's sovereign hand upon the history and events of the United States of America, chronological historical events in America, significant events in American history, significant people in American history, and important dates in American history.

Parental Role: Guide for Dependent Study

Prerequisite: None

Geography

Freshman – Sophomore

First Semester

Second Semester

Beginning with the Old World, World Geography leads students on a study-tour of the continents, highlighting the different lands and peoples of Asia, Africa, Europe, Australia, and the Americas. In addition, this class is designed to teach students to draw the world from memory; locating countries, major cities, mountains, rivers, deserts, and other geographical features. They will also explore current events related to the region they are drawing. This accomplishment gives students a picture of God's created world and man's political borders and thus a better understanding of history, politics and current events.

Parental Role: Guide for Dependent Study

Prerequisite: None

World History

Sophomore

First Semester

Second Semester

World History guides the student through the story of history from the dawn of civilization to the present world. Students are encouraged to explore the past and delve in to the twists and turns of world history through relevant activities and class discussions. The text emphasizes how a Christian worldview affects the study of history, illustrating the crucial nature of viewing history through the lens of the Bible. World History provides an essential survey key to future study.

Parental Role: Guide for Dependent Study

Prerequisite: None



Spirit Christian Academy 2011-2012 Secondary Course Descriptions Social Studies

US History

Junior

First Semester

Second Semester

This course is designed to provide the student with a historical perspective of the United States. Only through history can students learn the cause and effect of future decisions. This course introduces the students to the European discovery of the vast land we now call the United States. The immigration of the people and culture has dramatically changed the land from an undeveloped frontier to a world power. This course also explores the economic and political changes experienced in the 20th century from war to industrialization to innovation.

Parental Role: Guide for Independent Study

Prerequisite: Geography or World History

Government/Economics

Senior

First Semester

Second Semester

Government: This course is an in-depth study of America's founding documents. We will use not only primary source documents, but also the same learning techniques of research, reflect, reason and record that our founding fathers used. This method will give the student a deeper understanding of our country, which has turned out to be the longest lasting republic known in history. The government belongs to the people, so it is imperative that we understand it.

Economics: This course covers the basics of economics, including the concepts of competition and market structure, freedom of choice, private ownership, and profit and loss. Basic terms related to economics are covered as well as personal finance and principles of Biblical finance.

Parental Role: Guide for Independent Study

Prerequisite: Geography or World History and US History