



HIGH SCHOOL COURSE DESCRIPTIONS  
(H= Course can be taken as an honors course)

English Department

- ENGL100 WRITING AND COMPOSITION: Introduction to the thesis-support essay form, including informative, persuasive, documented, and literary analysis, with an emphasis on avoiding plagiarism. Includes strategies for organizing, writing, editing, revising, quoting, summarizing, paraphrasing, and documenting. (1 credit)
- ENGL200 U.S. LITERATURE: Introduction to American fiction, with particular emphasis on historical and authorial backgrounds. The course will include the study of the works of (but not limited to): Hawthorne, Twain, Poe, Fitzgerald, Salinger, Frost, and Grisham. (1 credit) (H)
- ENGL300 WORLD LITERATURE: An introductory survey of a literature outside the Western tradition, e.g. the literature of Africa, Latin America, India, or the Far East (China and/or Japan). (1 credit) (H)
- ENGL400 BRITISH LITERATURE: An overview of British literature of the past four centuries, introducing students to major eras, authors, and genres. The course will include the study of the works of (but not limited to): Shakespeare, Donne, Yeats, Dickens, Huxley, and Orwell. (1 credit) (H)

History Department

- HIST100 WORLD GEOGRAPHY: Survey of major world regions, natural landforms, and weather patterns. Emphasis placed on American and Holy Land geography. (1 credit)
- HIST200 WORLD HISTORY: Survey of the political, social, economic, and cultural aspects of world civilization beginning with the ancient Hebrews, Greeks, and Egyptians to the Medieval Ages to the present time. Emphasis is placed on the major worldwide developments of Christianity in Africa, Asia, Europe, North and South America and the implications of the "global community." (1 credit) (H)
- HIST300 US HISTORY: Survey from the time of discovery and exploration of America through the founding and development of the 13 English colonies, the Revolutionary War, the War of 1812, westward expansion and manifest destiny, the Civil War, WWI and II, as well as the modern

American situation. Special attention is given to the rise of the Christian Church in America and its role in the “democratization” of the nation. (1 credit) (H)

#### Humanities Department

- PHIL400 HISTORY OF PHILOSOPHY: Introductory survey of philosophy beginning with early Greece through the Renaissance and continuing on to the early modern era to the present. Students will encounter major problems and traditions in philosophy as seen in the writings of influential philosophers of the past and present. Attention is given to learning the methods and skills distinctive of philosophical inquiry, to assessing worldviews, and to developing a Christian worldview. (1 credit) (H)
- POLY400 GOVERNMENT/ECONOMICS: Analysis of the structure, principles, and processes of the American federal government and economic systems. (1 credit) (H)
- SPEE200 INTRODUCTION TO SPEECH: A performance-based course to aid students in the organization, delivery, and criticism of informative and persuasive speeches. (1 credit)

#### Math Department

- MATH100: PRE-ALGEBRA: This course builds upon the essential skills of arithmetic as they apply to algebra. Class covers real numbers and linear equations, linear inequalities, factoring, fractions, graphing and some elements of geometry are stressed. (1 credit)
- MATH110 ALGEBRA I: Introductory math course in which students will learn fundamental concepts such as integers; linear equations; how to add, subtract, multiply and divide monomials and polynomials; factoring of polynomials and solving of quadratic equations. This course also includes study of radicals and exponents. Pre-requisite: MATH100 (1 credit)
- MATH120 GEOMETRY: A comprehensive course featuring coverage of geometric terms and processes, logic and problem solving. Includes topics such as parallel line and planes, congruent triangles, inequalities and quadrilaterals. Various forms of proof are studied. Emphasis is placed upon reasoning and problem solving skills gained through study of similarity, areas, volumes, circles, and coordinate geometry. Prerequisites: MATH110 (1 credit)
- MATH200 ALGEBRA II: This course emphasizes facility with algebraic expressions and forms, especially linear and quadratic concepts. Students study logarithmic, trigonometric, polynomial, and other special functions both for their abstract properties and as tools for modeling real-world situations. Prerequisites: MATH120 (1 credit) (H)

- MATH300 TRIGONOMETRY: An extension of algebra II, with particular emphasis on logarithmic and trigonometric functions. (1 credit) (H)
- MATH350 PRE-CALCULUS: This course integrates the background students must have to be successful in calculus and discrete mathematics. This includes work with functions and trigonometry, an introduction to limits and other calculus ideas, number systems, combinatorics, recursion, and graphs. Mathematical thinking, including specific attention to formal logic and proof, is a theme throughout the course. Prerequisites: MATH300 (1 credit) (H)
- MATH400 CALCULUS: Calculus is explored through the interpretation of graphs and tables as well as analytic methods. The course covers limits and continuity, derivatives and their applications, the definite integral and their applications, as well as the fundamental theorem of Calculus. (1 credit) (H)

#### Science Department

- SCI100 BIOLOGY: A study of the concepts generally applicable to living systems, including topics of cell structure and function, heredity, ecology, and a survey of kingdoms of living organisms. (1 credit)
- SCI200 CHEMISTRY: Introductory survey of basic concepts in chemical science including stoichiometry, atomic and molecular structure, gases and condensed phases, solutions, intermolecular forces, acid-base and oxidation reduction chemistry. (1 credit)
- SCI300 PHYSICS: Introductory physics course including the fundamental principles of mechanics, thermal properties of matter, electromagnetism, optics, and modern physics. (1 credit) (H)
- SCI400 ANATOMY/PHYSIOLOGY: Introduction to the study of human anatomy and physiology (1 credit) (H)
- PSYC400 INTRODUCTION TO PSYCHOLOGY: Introduction to basic procedures in the study of behavior and to elementary principles of conditioning, motivation, emotion, personality, sensation, perception, abnormal behavior, psychotherapy, and social dynamics. (1 credit)
- COMP100 INTRODUCTION TO COMPUTERS: A course designed to familiarize the student with the basic functions and capabilities of a computer. Keyboarding, word processing, programming, hardware, and Internet research will be addressed as elements of the course. (1 credit)
- COMP200 INTRODUCTION TO WEB DESIGN: Students will explore the basic elements of designing and publishing personal and business websites. Emphasis placed on learning HTML as well as basic PHP. (1 credit)

### Fine Arts

- ART100 INTRODUCTION TO ART: A course designed to familiarize the student with cultural traditions and the contributions of art to present-day living. Students will be actively introduced to drawing, sculpting, painting, etc. through hands-on projects. (.5 credit)
- THE100 INTRODUCTION TO THEATRE: A course introducing the student to dramatic production from a Western viewpoint. Students will participate in improv, writing and performing short skits, and set and prop building. All THE100 students will participate in the schoolwide dramatic production at the conclusion of the school year. (1 credit)
- MUS100 INTRODUCTION TO MUSIC: Study of music genres, media, performance practices, styles, and terminology; survey of significant bodies of music from varying perspectives. (.5 credit)
- THE400 THEATRE APPRECIATION: Study of cultural and social history from the vantage point of drama. Covers theories of dramatic criticism, dramaturgy, physical staging, and analysis of conventions from about 1700 to current post-modern practice. Students will explore production theories, write about production problems, and attend professional play productions. (1 credit) (H)
- MUS490 INDIVIDUAL MUSIC LESSONS: Course credit can be earned through approved lessons in voice or an instrument. (1-2 credits)

### Physical Education Department

- PHYE100 LIFETIME FITNESS: A course providing the opportunity for knowledge and physical development as they pertain to lifetime fitness. Class includes lectures, cardiovascular activities, and testing. (1 credit)
- PHYE200 STRENGTH AND CONDITIONING: Basic principles of fitness and weight training and their application to the classroom and conditioning programs. (1 credit)
- HEAL100 INTRODUCTION TO HEALTH: Study of personal health management and current issues that affect health choices. Particular emphasis placed on nutrition and personal exercise plans.
- PHYE490 ATHLETICS: Students may earn one credit in substitution of Lifetime Fitness upon successfully completing one full season of varsity athletics. (1 credit)

### Foreign Language

- LAT100 LATIN I: Introduction to Latin syntax, grammar and vocabulary. Readings from representative ancient authors as well as historical-critical research on Latin-based cultures. (1 credit)
- LAT200 LATIN II: Review of grammar and vocabulary. Translation of extensive

selections from Vergil's *Aeneid*, Jerome's *Latin Vulgate*, and other poets.  
Pre-requisites: LAT100 (1 credit)

- LAT300 LATIN III: Emphasis upon rapid reading for comprehension. Selected passages illuminating varied aspects of humanity, ranging from earliest times through medieval Latin, according to the interests of the individual.  
Pre-requisites: LAT100, LAT200 (1 credit) (H)
- SPAN100 SPANISH I: Elements of Spanish grammar, vocabulary, and the most commonly used idiomatic patterns with oral and written exercises. Second semester includes readings in Spanish history, customs, and literature. (This is primarily a computer-based course.) (1 credit)
- SPAN200 SPANISH II: Advanced elements of Spanish grammar, vocabulary, and the most commonly used idiomatic patterns with oral and written exercises. Second semester includes readings in Spanish history, c customs, and literature. (This is primarily a computer-based course.)  
Pre-requisite: SPAN100 (1 credit)
- SPAN300 SPANISH III: Review of grammar and study of selected specimens of literature to develop fluency in reading. Class conducted in Spanish as much as possible. (This class will be held off campus at a sister school.)  
Pre-requisites: SPAN100, SPAN200 (1 credit) (H)
- SPAN400 TOPICS IN LATIN AMERICAN CULTURE: Personal study in Spanish in one's interest or to fill gaps in one's knowledge. Prerequisites: SPAN100, SPAN200, SPAN300, and permission of department head and supervising teacher. (1 credit) (H)

#### Bible

- BIBL100 THE NEW TESTAMENT CHURCH: Bible and theology course examining the rise of the Christian church and its theology through the writings of Paul and Luke. (1 credit)
- BIBL200 OLD TESTAMENT THEMES: Bible and theology course examining the theology, culture, and geography of the Hebrew people as recorded in the Old Testament. (1 credit)
- BIBL300 THE EARLY CHURCH: Bible and theology course examining the rise of the Christian church and its theology after the 2<sup>nd</sup> century. (1 credit)
- BIBL400 CHRISTIAN LIVING: Bible and theology course addressing the committed Christian life through practical application of the Bible and Christian resources. (1 credit)