

BIBLE COURSES

Bible 9: Discernment

Description: The purpose of this course is to learn and practice biblical ways of interacting with culture. By interacting with advertising, movies, music, etc., the values advocated by western culture are compared to the values of a biblical world view. Students will also be guided through developing a biblical view on dating relationships.

Textbook: Screwtape Letters by C.S. Lewis, Bible

Length: 1 semester

Credit: .5

Bible 9: Student Ministries

Description: This class provides an in-depth study of Jesus' life and ministry using one of the Gospels (Matthew, Mark, Luke, or John). Students explore ministry opportunities for themselves and are guided through the process of determining their spiritual gifts.

Textbook: Bible

Length: 1 semester

Credit: .5

Bible 10: Early Church History

Description: The purpose of this class is two-fold. First, it is to familiarize students with the big picture of the Bible. This will be accomplished by looking at major themes and stories in Scripture. The history of the Bible is then interwoven with the history of the world. The second purpose of the class is to introduce students to the history of God's people from the beginning of the Church up to the present.

Textbook: Pocket History of the Church (Intervarsity Press), Tyndale Handbook of Bible Charts & Maps (Tyndale Publishing), Bible

Length: 1 semester

Credit: .5

Bible 10: Christian Classics

Description: Continuing with the study of church history from first semester, this class introduces students to classical Christian writers and the impact they have had on the world.

Textbook: Bible, various novels

Length: 1 semester

Credit: .5

Bible 11: World Views

Description: This class introduces students to the concept of worldviews. The worldviews associated with major world religions are studied and compared with a Christian worldview.

Textbook: Eerdman's Handbook to the World's Religions (Eerdman's), Life of Pi (Harcourt), Worlds Apart: A Handbook on Worldviews (Baker Books), Neighboring Faiths: A Christian Intro to World Religions (Intervarsity Press), A Tapestry of Faiths: The Common Threads Between Christianity & World Religions (Intervarsity Press)

Length: 1 semester

Credit: .5

Bible 11: Ethics

Description: The purpose of this class is to introduce students to different approaches to moral thinking. Various approaches to right and wrong are discussed and applied. This course also explores the various moral theories that are currently held to in the world and compares and contrasts those with the teachings of the Bible.

Textbook: A Short History of Ethics (Notre Dame), Beyond Bumper Sticker Ethics (Intervarsity Press)

Length: 1 semester

Credit: .5

Bible 12: Apologetics

Description: The purpose of this class is to introduce students to the study of apologetics. Apologetics has traditionally been known as the branch of theology that is concerned with defending the truth of Christian doctrines. This area of theology is explored through both traditional and contemporary lenses.

Textbook: Christian Apologetics in the Postmodern World (Intervarsity Press), New Kind of Christian (Sasse-Bass)

Length: 1 semester

Credit: .5

Bible 12: Revelations/Wisdom Literature

Description: This class is designed to help students delve further into personal Bible study. Using Revelations and the wisdom literature in the Bible, students will learn how to read, study, and discuss the Scriptures.

Textbook: Bible

Length: 1 semester

Credit: .5

COMPUTER COURSES

Computer 1

Description: Computer I is designed to teach fundamental computer skills and applications. This course focuses on basic computer literacy as well as more advanced skills in Microsoft Office 2003. The primary focus of this course is to integrate computer skills with other subject areas and to apply these skills to practical business and personal situations.

Textbook: A Guide to Microsoft Office 2003 (Lawrenceville Press)

Length: 2 semesters

Credit: 1

Web Design

Description: This course is designed to allow students to become proficient in their knowledge of the Internet and web design. Students will study the basic concepts of Macromedia's Dreamweaver, Flash, and Fireworks software.

Textbook: n/a

Length: 1 semester

Credit: .5

A.P. Computer Science

Description: The AP Computer Science course is an introductory course in computer science. It is a university level course and students who pass the AP test in May will be granted one semester of college credit. Because the development of computer programs to solve problems is a skill fundamental to the study of computer science, a large part of the course is built around the development of computer programs or parts of programs that correctly solve a given problem. The course also emphasizes the design issues that make programs understandable, adaptable, and, when appropriate, reusable. At the same time, the development of useful computer programs and classes is used as a context for introducing other important concepts in computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, and the study of standard algorithms and typical applications.

Textbook: Computing Concepts with Java Essentials 3e (Wiley), APCS Study Guide (Wiley)

Length: 2 semesters

Credit: 1

ELECTIVE COURSES

Industrial Technology

Description: Students study and learn how to work with wood safely, effectively, and creatively.

Textbook: n/a

Length: 1 semester

Credit: .5

Psychology

Description: This introductory course in psychology focuses on various aspects of the development of human beings from birth to death. The course topics will include: psychological methods, how people learn, memory, language development, psychological testing, intelligence, sensation and perception, and psychological disorders.

Textbook: Psychology: Principles in Practice (Holt, Rinehart, Winston)

Length: 1 semester

Credit: .5

Publications/Yearbook

Description: In order to create the school yearbook, students are instructed in the use of PageMaker software to create graphic design layouts including pictures, graphics, and text; use of digital cameras to take pictures, download pictures onto a computer and use them in PageMaker layout; develop compelling stories using photos, headlines, and text.

Textbook: n/a

Length: 2 semesters

Credit: 1

ENGLISH COURSES

English 9

Description: This class includes the study of various types of literature (poetry, short stories, novels, and drama), creative writing, grammar, and essay writing.

Textbook: Elements of Literature 3rd Course (Holt, Rinehart, Winston), various novels

Length: 2 semesters

Credit: 1

English 10 and Honors English 10

Description: The focus of this class is on world literature. A short story and poetry unit is combined with a cultural comparison project. Novel units include The Chosen, Night, and A Separate Peace. The unit on drama explores Shakespeare's *Much Ado about Nothing* and *Oedipus*. In addition to the study of world literature, there is a focus on creative writing, grammar, essay writing, and research paper writing.

Textbook: Literature World Masterpieces (Prentice Hall), Elements of Literature 4th Course (Holt, Rinehart, Winston), various novels

Length: 2 semesters

Credit: 1

English 11: American Literature

Description: Through reading, writing, discussion, and research, students explore American Literature from a biblical perspective.

Textbook: Elements of Literature 5th Course (Holt, Rinehart, Winston), various novels

Length: 2 semesters

Credit: 1

English 12: British Literature

Description: Through reading, writing, discussion, and research, students explore British Literature from a biblical perspective.

Textbook: Elements of Literature 6th Course (Holt, Rinehart, Winston), various novels

Length: 2 semesters

Credit: 1

A.P. English Literature

Description: Through an intense study of literature, discussion, and writing, students analyze and evaluate poetry and prose, taking into account a biblical perspective, in preparation for the Advanced Placement Literature and Composition exam. AP English corresponds to one semester course of English at the university level and is taught as such. Students should expect a substantial amount of reading, writing, and homework in comparison to typical high school level courses.

Textbook: various novels

Length: 2 semesters

Credit: 1

FINE ARTS COURSES

Art 1

Description: Students are exposed to how God's attributes, such as creativity, skill, and beauty, are evident in art. They learn each of the elements and principles of design in order to be able to apply them to their own work. Students are instructed in how to apply what they know about design elements to the evaluation of art. They are also exposed to various artists, learn how to recognize their work, and explore how to form an opinion about a piece of artwork.

Textbook: n/a

Length: 2 semesters

Credit: 1

Art 2

Description: Students are exposed to how God's attributes, such as creativity, skill, and beauty, are evident in art, by further developing the skills learned in Art 1. They continue to learn how to apply the elements and principles of design to their own work. Students learn to explore various areas of art in depth that are of particular interest to them and enhance their art critique skills.

Textbook: n/a

Length: 2 semesters

Credit: 1

Art 3

Description: Students are exposed to how God's attributes, such as creativity, skill, and beauty, are evident in art, while further developing the skills learned in Art 2.

Textbook: n/a

Length: 2 semesters

Credit: 1

Choir

Description: Students work on a variety of music skills, such as performance, listening, music theory, and sight reading. These skills are utilized in several performances, including a full-scale musical production.

Textbook: Essential Musicianship Book 1 and 2 (Hal Leonard)

Length: 2 semesters

Credit: 1

Praise Band

Description: Through studying God's Word and various Christian authors, small group and large group discussion, personal reflection, and research, students understand and are able to declare the foundations, definition, and importance of "true" Bible-based praise and worship. Students also learn to define themselves as praise and worship leaders and to identify the responsibility involved in such a title. With such identification, the students are then able to lead the student body into true intimacy with God during weekly chapels.

Textbook: n/a

Length: 2 semesters

Credit: 1

20th Century Music

Description: This course covers the history of popular music from the invention of records and recording in the 1870s to the present. The focus is on American music styles, particularly jazz and rock. Course topics include the following: Beginnings of "popular music" – sheet music and records; The relationship between business and music; The origins and development of jazz; The relationship between race relations, civil rights and popular music; The origins and development of rock music; The counter-culture – hippies, Jesus freaks, etc.; The origins and development of Contemporary Christian music and Christian rock; Varying definitions of "Christian music" and "Christian musician."; Interactions between secular music, Christian music & the Christian church. In addition, students read short biographies of musicians, and complete one oral presentation project.

Textbook: n/a

Length: 1 semester

Credit: .5

FOREIGN LANGUAGE COURSES

German 1

Description: Through reading, speaking, listening, writing, and activities, students build a foundation of vocabulary, grammar, and conversational usage of the German language at the first year level.

Textbook: Komm Mit 1 (Holt, Rinehart, Winston)

Length: 2 semesters

Credit: 1

German 2

Description: Through reading, speaking, listening, writing, and activities, students build a foundation of vocabulary, grammar, and conversational usage of the German language at the second year level.

Textbook: Komm Mit 2 (Holt, Rinehart, Winston)

Length: 2 semesters

Credit: 1

German 3

Description: Through reading, speaking, listening, writing, and activities, students build a foundation of vocabulary, grammar, and conversational usage of the German language at the third year level.

Textbook: various novels, grammar books

Length: 2 semesters

Credit: 1

German 4

Description: Through reading, speaking, listening, writing, and activities, students build a foundation of vocabulary, grammar, and conversational usage of the German language at the fourth year level.

Textbook: various novels, grammar books

Length: 2 semesters

Credit: 1

A.P. German

Description: Through reading, speaking, listening, writing, and activities, students build a foundation of vocabulary, grammar, and conversational usage of the German language at an advanced level. Students will be prepared to take the A.P. German test and show advanced proficiency in the language.

Textbook: various novels, grammar books

Length: 2 semesters

Credit: 1

Spanish 1

Description: Through reading, speaking, listening, writing, and activities, students will build a foundation of vocabulary, grammar, and conversational usage of the Spanish language at the first year level.

Textbook: Buen Viaje! Spanish 1 (Glencoe), Buen Viaje! Spanish 1 Writing Activities Workbook (Glencoe)

Length: 2 semesters

Credit: 1

Spanish 2

Description: Through reading, speaking, listening, writing, and activities, students will continue to work on vocabulary, grammar, and conversational usage of the Spanish language at the second year level.

Textbook: Buen Viaje! Spanish 2 (Glencoe), Buen Viaje! Spanish 2 Writing Activities Workbook (Glencoe)

Length: 2 semesters

Credit: 1

HISTORY COURSES

World Geography

Description: This course is designed to allow students to become proficient in their knowledge of the geography of the world. Students study basic political, economic, cultural, and social developments of the world up to the present. Students are required to write essays and prepare geography-related projects.

Textbook: World Cultures and Geography (McDougal Littell)

Length: 2 semesters

Credit: 1

World History and Honors World History

Description: This course is designed to allow students to become proficient in their knowledge of the history of the world with an emphasis on the time period from the Renaissance to the present. Students study basic political, economic, cultural, and social developments of the world up to the present. Students are required to write essays and prepare projects.

Textbook: World History Patterns of Interaction (McDougal Littell)

Length: 2 semesters

Credit: 1

U.S. History

Description: This course covers the history of the United States from the end of the Civil War in the 1870s until the 1990s. A brief review the American Revolution, the Constitution and the Civil War is conducted before moving directly into modern American history. The development of the country and how the politics, economics, culture and foreign policy of the country have changed over time is discussed. There is an emphasis on how the history of the country relates to current events, including issues such as the ongoing situations in Iraq and Afghanistan, the recent hurricane disaster in New Orleans, and the music, movies, and popular culture that is so pervasive around the world.

Textbook: The Americans (McDougal Littell)

Length: 2 semesters

Credit: 1

A.P. U.S. History

Description: AP U.S. History is a university-level U.S. history course offered to 11th graders. The course is designed to prepare students for the AP U.S. History test, offered in May. Most North American universities accept a passing score on the AP U.S. History test and give credit for that course. This is a challenging class that gives students a solid background in the history of the United States, an understanding of the United States today, including American culture and how the United States deals with the rest of the world.

Textbook: The American Pageant (Houghton Mifflin), various novels

Length: 2 semesters

Credit: 1

Current Events

Description: This course covers news events of importance to the world and to the Vienna Christian School community. Students are asked to use their knowledge of world and U.S. History to interpret current events and develop positions on how these events should be handled by world leaders.

Textbook: n/a

Length: 1 semester

Credit: .5

U.S. Government

Description: This course explores the government of the United States, including theories of how democracies should work, how the U.S. government developed, and how it functions today. Special emphasis is placed on the U.S. presidential election and how it impacts both the country and the rest of the world.

Textbook: The Challenge of Democracy 5th Edition (Houghton Mifflin)

Length: 1 semester

Credit: .5

Economics

Description: This course covers basic economic theory, and its application to the world's economy today. An emphasis is placed in current economic theories explaining capitalism and the capitalist economies found in North America and Western Europe today. The class also includes a stock market project designed to give students an understanding of investing and the stock market through hands-on experience.

Textbook: Economics, Principles and Practices (Glencoe)

Length: 1 semester

Credit: .5

20th Century Music

Description: This course covers the history of popular music from the invention of records and recording in the 1870s to the present. The focus is on American music styles, particularly jazz and rock. Course topics include the following: Beginnings of “popular music” – sheet music and records; The relationship between business and music; The origins and development of jazz; The relationship between race relations, civil rights and popular music; The origins and development of rock music; The counter-culture – hippies, Jesus freaks, etc.; The origins and development of Contemporary Christian music and Christian rock; Varying definitions of “Christian music” and “Christian musician.”; Interactions between secular music, Christian music & the Christian church. In addition, students read short biographies of musicians, and complete one oral presentation project.

Textbook: n/a

Length: 1 semester

Credit: .5

MATH COURSES

Algebra 1

Description: This class is designed to continue and further explore what students learned in Pre-Algebra. They will be able to relate and apply algebraic concepts to geometry, statistics, data analysis, probability, and discrete math.

Textbook: Algebra 1 (Glencoe)

Length: 2 semesters

Credit: 1

Geometry and Honors Geometry

Description: This course in geometry provides an overview of Euclidean Geometry as well as some investigations in non-Euclidean geometries. It discusses constructions, logic, problem solving, classification, and the basic figures and concepts of geometry. The emphasis on self-investigation will stress the value of reason, orderliness, and a deeper discovery into the subject of geometry.

Textbook: Regular Geometry: Discovering Geometry: An Inductive Approach (Key Curriculum Press), Honors Geometry: Geometry (Holt, Rinehart, Winston)

Length: 2 semesters

Credit: 1

Algebra II and Honors Algebra II

Description: This course in Algebra II provides an overview of polynomial, quadratic, and rational functions as well as some investigations of trigonometric functions. Students will learn not only algebra, but how algebra integrates into other mathematical topics, how it connects to real-life events, and how algebra is connected to other subjects such as literature and art.

Textbook: Algebra 2 (Glencoe)

Length: 2 semesters

Credit: 1

Honors Pre-Calculus

Description: Pre-calculus provides an overview of topics from a variety of mathematical areas. Trigonometry, complex numbers, sequences and series, probability, limits, and major categories of functions are discussed. While a strong understanding of these topics is imperative before proceeding to Calculus, each has extensive real world applications in its own right.

Textbook: Advanced Mathematical Concepts (Glencoe)

Length: 2 semesters

Credit: 1

A.P. Calculus

Description: AP Calculus corresponds to a one semester university-level class covering the functions of one independent variable. Throughout the year, students examine calculus in terms of four major concepts: limits, derivatives, definite integrals, and indefinite integrals. In the end students will be able to convey understanding numerically, graphically, algebraically, and verbally. Although the approach the College Board has taken with Calculus is not the only possibility, this class will have as its goal the successful completion of the AP test in May. Instruction is designed with this goal in mind.

Textbook: Calculus: Concepts and Applications (Key Curriculum Press)

Length: 2 semesters

Credit: 1

PHYSICAL EDUCATION COURSES

Physical Education

Description: Students learn the rules and skills necessary for a variety of lifetime sports, as well as how to build and maintain a basic fitness routine.

Textbook: n/a

Length: 1 semester

Credit: .5

Boys' Weight Training

Description: Students learn the techniques and exercises associated with weight training. They also learn how to build and maintain a basic fitness routine. Students' overall fitness and wellness level should improve through the participation in a weight training program.

Textbook: n/a

Length: 1 semester

Credit: .5

Girls' Weight Training

Description: Students learn the techniques and exercises associated with weight training. They also learn how to build and maintain a basic fitness routine. Students' overall fitness and wellness level should improve through the participation in a weight training program.

Textbook: n/a

Length: 1 semester

Credit: .5

Health

Description: This class studies how the lifestyle and behavioral decisions people make affect their wellness in the immediate and distant future.

Textbook: Health (Glencoe)

Length: 1 semester

Credit: .5

SCIENCE COURSES

Physical Science

Description: Students explore basic chemistry, as well as basic physics (mechanics and electromagnetics). This course serves as an overview and an effective precursor to full year physics and chemistry courses.

Textbook: Physical Science (Prentice Hall)

Length: 2 semesters

Credit: 1

Biology and Honors Biology

Description: Biology has much to teach us about our mortal life and our interdependence with other forms of created life on this earth. These principles have many parallels with our physical life. Since scripture indicates that man is the peak of God's creative effort (Genesis 1--"very good"), the varieties of other life forms contribute to our welfare, our responsibility, and our understanding of God. We will work toward obtaining knowledge by examining what constitutes living organisms on a chemical and structural basis and how structures within cells, within tissues and organs, and within an ecosystem are interdependent, just as are the members of Christ's body, the church. Working together to expand our knowledge, we will learn to observe, to apply the scientific method to check our observations, study what others have learned, and develop some skill in expressing what we have understood verbally, in writing, and in some project with a display. It is expected that students will experience the content of Biology through an inquiry approach. Using available technology, students will investigate the world around them. Biology will provide the student with knowledge, prerequisite skills, and habits of mind needed for daily living and ethical decision making. This course provides a foundation for advanced biological studies and personal career choices.

Textbook: Biology (Prentice Hall)

Length: 2 semesters

Credit: 1

Anatomy and Physiology

Description: This course is designed to help students understand the workings of the human body in light of being intricately created in the image of God. Each of the ten systems of the human body is studied in terms of anatomy (which identifies and relates the individual parts to the whole), physiology (which provides an understanding of the function of the parts of the system), and pathology (which relates a specific disorder to the abnormal functioning of the whole organism). We will find numerous examples that point to the perfect, wise Designer behind various systems (Job 10:8-13) and realize the absolute importance of all parts of the body functioning together in harmony (1 Corinthians: 12:25). The knowledge obtained in this class will enable students to understand their doctors, make informed decisions to enhance their own health, and aid them in making health care decision for themselves and their families.

Textbook: Essentials of Human Anatomy & Physiology 7th Ed. (Pearson Education)

Length: 2 semesters

Credit: 1

Chemistry

Description: This course is designed to help students understand and appreciate the importance of chemistry in our everyday lives. Numerous examples that point to the perfect and wise Designer are explored in depth.

Textbook: Chemistry (Prentice Hall)

Length: 2 semesters

Credit: 1

Honors Physics

Description: Students explore physics through conceptual understanding, laboratory applications, and mathematical representations. The major portions of the course are classical mechanics and electromagnetics.

Textbook: Physics (Holt, Rinehart, Winston)

Length: 2 semesters

Credit: 1