

Greenwood Mennonite School

High School Course Catalog

Bible

Grades 9 & 10

Old Testament: This course begins in Genesis and concentrates on major topics and people in that book. The study moves through the Pentateuch and on to the conquest of the Promised Land. The course ends with the divided kingdoms and their captivity.

Grade 11

Students study the growth and development of the church, from Pentecost to the present, with a close study of the book of Acts. Special emphasis is paid to the Anabaptist movement during the reformation until the present.

Grade 12

Students engage in a thorough study of the Epistles of the New Testament, focusing on the Pauline Epistles, while studying the general Epistles. Students also grow deeper in their understanding of Biblical truth and how to defend their faith through an introductory study of apologetics.

English

Grades 9

The course begins with a final review of the eight principal parts of speech, with an emphasis on more advanced usage concepts. Writing is approached from a stylistic, as well as grammatical, perspective. Each literary genre (short fiction, poetry, non-fiction, and drama) is studied.

Grade 10

The sophomore course begins with a short public speaking unit that stresses the development of basic public speaking skills. Students are required to present speeches and evaluate several examples of strong historical speeches. Debate is introduced. Vocabulary expansion, writing improvement techniques and more technical grammar usage/applications are covered. Literature study continues in each genre.

Grade 11

This course contains a comprehensive study of American literature dating from the Pre-Colonial Period through the Twentieth Century. Students are also taught the details of the research process and are required to submit a full research paper on the life of the American or British author of their choice. Also covered are critical thinking skills, a final review of literary devices, and some other grammar usage concepts.

Grade 12

The primary literary focus of this course is British literature dating from the Anglo-Saxon Period through the Twentieth Century. Once again, students are required to prepare research papers on the current social/moral issue of their choice. Resume writing and the twentieth-century novel *A Separate Peace* are included in the material covered in this course.

Mathematics

Algebra 1

A study of algebraic expressions and equations, including linear equations, slope, exponents, quadratic equations, polynomials, factoring, and systems of equations.

Algebra 2

This course emphasizes facility with algebraic expressions, equations, and functions, including linear, quadratic, power, polynomial, exponential, logarithmic, and trigonometric forms. Other topics include sequences, variation, matrices, and complex numbers.

Geometry

This course is a study of the properties of figures in the plane and in space with emphasis on triangles and quadrilaterals. Congruence and similarity are studied through the use of transformations, and deductive logic is emphasized throughout the course.

Pre-Calculus

This course provides integration of statistical and algebraic concepts, and a preparation for calculus working with functions and limits. Topics include making sense of data; functions and models; transformation of functions and data; power, exponential, and logarithmic functions; and trigonometric functions. Students learn to work with a graphic/scientific calculator.

Science

Biology

This required course presents a study of life processes and the structures responsible for them in a range of living organisms, from microorganisms to vertebrates. Cellular processes are given more attention than in previous life science courses: digestion, excretion and egestion, photosynthesis and respiration, osmosis, protein synthesis, reproduction, protein synthesis and genetics. Plant studies and human biology are excluded from this study for lack of time. A variety of presentations, including laboratory exercises, is used to develop a range of skills that can be applied to work and careers.

Chemistry

This elective course studies the structure of matter and the chemical changes that take place in matter. There is a review of atomic and molecular structures covered in earlier courses, including elements, compounds and mixtures. Studies of bonding and chemical reactions, the mole concept, stoichiometry, solutions, acids and bases, oxidation and reduction, and gases are taken in previous courses.

General Science

This elective course emphasizes nature study with an aim to developing environmental consciousness and desire to care for God's creation. It has been developed for students who have had difficulty with other science courses. Choice of topics is up to the teacher and students. The past several years the curriculum has included observing wildlife; general botany; weather; general ecology and recycling; and a study of Delaware seashore and other wetlands

Physical Science

This required course is divided equally between basic chemistry and basic physics. Topics include the scientific method; structure of atoms and molecules; ionic and covalent bonding; elements, compounds and mixtures; acids and bases. Studies of motion include energy, force, momentum, acceleration, mechanics and simple machines, electricity and magnetism, sound and light. A variety of presentations, including laboratory exercises, is used to develop a range of skills that can be applied later to work and careers.

Physics

This course is the study of energy, including the laws of motion, force and gravity. Topics include electricity, magnetism, sound, light, and heat energy.

Social Studies

American History

This course presents the history of America from the arrival of Europeans to the present, with special emphasis on the personalities and events that shaped the American character and nation and Delaware's role in this development.

US Government

This class will look at the three branches of the American government—legislative, executive and judicial—in our Federalism System. Special emphasis is placed upon studying Delaware constitution, the government it creates and the role of a citizen in this society.

World History

This course examines the history of the cultures, people, perspectives, and ideas that shape and form our world, from the earliest records of human civilization to the present.

Introduction to Psychology

Students will discover new ways of examining and interpreting their own behavior, and that of others. They will learn how psychologists study human and animal behavior and will be introduced to the practical applications of psychology and how it relates to Christianity.

Spanish

Spanish I

Grades 10 and 11

This course is an introduction to Spanish sounds (alphabet), words, phrases, verb conjugation/usage, and basic grammatical concepts. The primary emphasis is on good word/phrase recognition and the building of a strong language foundation and vocabulary rather than on immediate fluency. There is also a secondary focus on Hispanic cultural information.

Spanish II

Grades 11 and 12

This second level foreign language course builds on the information covered in Spanish I, beginning with a few weeks of review material. More in-depth grammatical concepts, including verb tense diversification and complex sentence structure, are covered. There is a greater emphasis placed on becoming functionally conversational. Hispanic cultural study is also continued.

Economics

Grades 9-12

This program engages students with hands on knowledge through a variety of cooking and general homemaking skills. This course encourages students to take responsibility by adapting useful skills in their day to day lives by participating in various activities of cooking, organizing, and cleaning. Both boys and girls are permitted to take this course. Students learn about the structure of markets, analyze the role of supply and demand, and the impact of these forces on the global economy.

Technology

Grade 9

Students will explore the various components of MS Office including Word, Excel, and Power Point. There will be a unit on web page design and on video production using the computer. Various projects will be completed in this class as enrichment and application of real life use of computer technology and skills. Keyboarding skills will also be practiced and used throughout the class.

Personal Finances

Grade 12

This course introduces the topic of personal finance from a Christian perspective, explores the evolution of the American credit industry, and highlights the importance of both knowledge and behavior when it comes to managing money. Students will learn the importance of saving and explains the three reasons to save: emergencies, large purchases, and wealth building. They will explore the purpose and process of writing a budget and the basics of banking, including balancing and reconciling a checking account. Students will explore 21st Century post-secondary education and career options, highlight the importance of avoiding debt as a young adult, and explain how to cash flow a college education. The students will examine the importance of pursuing a career in line with their strengths, the elements of effective goal setting, the best practices of successful people, and types of income and taxes. The course concludes with highlighting the importance of giving of your time, talents, and money in order to serve others and leave a lasting legacy.

Home Economics

Grades 9-12

This program engages students with hands on knowledge through a variety of cooking and general homemaking skills. This course encourages students to take responsibility by adapting useful skills in their day to day lives by participating in various activities of cooking, organizing, and cleaning. Both boys and girls are permitted to take this course. Students learn about the structure of markets, analyze the role of supply and demand, and the impact of these forces on the global economy.

Physical Education

Grades 9-12

This program engages students in fitness activities, developing and challenging the skill level and knowledge of various sports through testing. This course encourages understanding the benefits of team work, while realizing the importance of healthy competition and the responsibility of individual involvement and acceptance