

*Terre Hill Mennonite
High School*



**Course
Descriptions
Booklet**

June 2023 Edition

Bible

Old Testament Grade Level—9

1.0 credit

The goals of this course are to think through the Old Testament in chronological narrative form, to construct maps of Old Testament periods and places, and to outline Old Testament covenants. Students should develop a deeper understanding of the plan of salvation, develop good Bible study skills for personal study of God’s Word, see the Old Testament as a foundation for Christianity, and grow in applying Old Testament principles in everyday life.

New Testament Grade Level—10

1.0 credit

In this class, students study the New Testament as the revelation of the Old Testament, compare and contrast the Old and New Covenants, and observe how Christ and the early church bridged the gap between the Jews and Gentiles. Students should be able to think through the New Testament in chronological narrative form, give distinguishing features of New Testament books, know the location of specific content in the New Testament, and construct maps of Paul’s missionary journeys. The goal of this study is to gain a deeper understanding of how to live the teachings of the New Testament and to grow in relationship with the Lord Jesus Christ.

Bible Doctrine Grade Level—11

1.0 credit

The goal of this class is to strengthen within the life of each student faith and convictions that are founded upon the doctrinal truths of Scripture. God’s Word is recognized to be the absolute basis of all life and truth, and as the only foundation upon which we can build our faith and practice. The outline of the class is based on the 20 articles listed in the 1963 Mennonite Confession of Faith and includes such topics as theology, Bibliology, Christology, etc. Biblical doctrine will be related to daily living.

Practical Christian Living Grade Level—12

1.0 credit

This class is focused on living out our daily Christian lives according to God’s Word. Focus is on issues related to students’ lives now and in the near future. The units of study are methods of Bible study, self-discovery (spiritual gifts, personalities, interests, and vocation), dating and marriage, finances, and God’s will. There are frequent discussions on current Christian issues.

Bible Study Methods/Teaching Grade Level—10, 11, 12 0.5 credit

Students learn how to study the Bible for themselves. They explore various Bible study methods and techniques that will help them understand Scripture. Students learn how to use and evaluate sources and translations. Students also explore and practice the art of preparing and presenting a Bible lesson or

Computer

Freshmen Seminar

Grade Level—9

0.5 credit

In this class, students learn to be successful high school students in the following areas: in their approach, through organization, in the classroom, in study and homework, in writing, in keyboarding, and in using the computers. Students learn the basics of Microsoft Office and how to format formal reports.

Microsoft Office I: Word Processing & Basic Spreadsheets

Grade Level—9

0.5 credit

Students begin an in-depth look into the functions and features that make word processing and graphic design easy with Microsoft Word. Students have opportunities to create many different types of documents such as reports, newsletters, brochures, and flyers. There is instruction on the ever-changing field of technology and IT. Instruction is designed to be applied both in the workplace and at home.

Microsoft Office II: Advanced Spreadsheets, PowerPoint, & Access

Grade Level—10, 11, 12

0.5 credit

This course is designed to instruct students on the use of the Microsoft Office Suite in the workplace. The first section focuses on using spreadsheets to find solutions to complex problems and creating professional, attractive spreadsheets. The PowerPoint section focuses on creating attractive slides that capture the observer's attention through to-the-point and impactful presentations. If there is time in this class, students will be able to collect, organize, store, and retrieve data through the powerful tools built into Microsoft Access.

Access

Grade Level—11, 12

0.5 credit

This class is to instruct students how to use the Access program to collect data and then use the data to provide meaningful information. They look at needs and then develop systems to provide the needed information. This includes evaluating the need and designing and developing solutions. There is instruction as needed, but most of the work is in projects to provide solutions to increasingly more complex situations. There may also be some group learning in cooperation in finding solutions.

Computer Aided Design (CAD) Grade Level—10, 11, 12

0.5 credit

Drafting is a course with two objectives. First: learning to use a computer-sided design program to draw a variety of objects. It counts toward the required computer credit. Second: a significant part of the class is related to drafting

design. Students learn how to design and draw dimension drawings for a variety of different things from desks to houses.

Computer Service & Repair I Grade Level—10 - 12 0.5 credit

This is an advanced course designed to start students on the path to being a successful computer repair professional. This course includes in-depth studies on Operating Systems, Motherboards, CPU, Power Supplies, Memory, Input Devices, Video & Audio Systems, Magnetic & Solid-State Devices, Optical Storage Technology, and Printers. This class is a prerequisite for Computer Service & Repair 2.

Computer Service & Repair II Grade Level—10, 11, 12 0.5 credit

This course is a sequel to Computer Service & Repair 1 (see course description). In this class, students examine the following areas of study: Laptops & Mobile Devices, Modems & Transceivers, Physical & Digital Security, PC Troubleshooting, Introduction to Networking, Network Administration, Wide Area Networks (WAN), Small-Office/Home-Office (SOHO) Networking, Customer Support, and Communication & Professionalism. After the successful completion of this course, students will be ready to take and pass the CompTIA A+ Certification Exam, which is the leading certification employers look for when hiring IT technicians.

Introduction to Computer Science and Programming

Grade Level—10, 11, 12 0.5 credit

This is a dual enrollment course, CS50x, provided by Harvard University. It consists of an introduction to computer science and the art of programming. This course is for those with or without prior programming experience. An entry-level course taught by David J. Malan, CS50x teaches students how to think algorithmically and solve problems efficiently. Topics include abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development. Languages include C, Python, SQL, and JavaScript plus CSS and HTML. Problem sets inspired by real-world domains of biology, cryptography, finance, forensics, and gaming. Upon completion, students will be awarded 3.0 college credits in addition to the 0.5 high school credit. The fee for making this a dual enrollment course and receiving college credit is \$199.

Foreign Language

Spanish IA Grade Level—10 0.5 credit

In this class, students learn to speak and write basic Spanish. The class

focuses on learning Spanish vocabulary and some basic grammatical concepts. The goal of the class is to provide a foundation for further study of Spanish.

Spanish IB **Grade Level—10, 11, 12** **0.5 credit**

Prerequisite: Spanish 1A

This class is a continuation of Spanish 1A.

Spanish II **Grade Level—11, 12** **1.0 credit**

Prerequisite - Spanish 1A & 1B

In this class, students learn more complex Spanish grammatical concepts. Students further develop their listening, reading, speaking, and writing skills. They will also have some opportunities to experience the Hispanic culture. The goal of this class is to equip students to communicate with Spanish speakers on a high beginner/low intermediate level.

History

World History **Grade Level—9** **1.0 credit**

This World History course summarizes the story of human beings since the Creation to the early 16th century. From there, students survey the major events of human history to the present time. The main focus of this course will be western civilization while including other peoples and lands. As Anabaptist Christians, the approach attempts to identify with the human story across time and hopefully awaken Christian compassion toward our fellow human beings and humility before our merciful God.

United States History **Grade Level—10** **1.0 credit**

This United States History course summarizes the story of European settlement in the present-day United States until the mid-19th century. From there, students survey the story of the United States from after Civil War Reconstruction to the present time. As Anabaptist Christians, we will attempt to view this in light of our traditional two-kingdom mentality.

Church History **Grade Level—11** **1.0 credit**

Semester One: General Church History. General Church History surveys the important events, people, and stories of the church from the New Testament to our present era, heavily focusing on the Western Church. In looking back at the faithfulness of God and His people, we will hopefully be better prepared to carry the torch of faith to yet another generation.

Semester Two: Anabaptist History. Anabaptist History surveys the important events, people, and stories of the Anabaptists, a specific tradition arising from the Protestant Reformation. As Anabaptists, we will look back at our faith

tradition in order to understand our present and to embrace the call of Christ in our personal and collective lives.

PA History **Grade Level—11, 12** **1.0 credit**

This course surveys the history of Pennsylvania from the Native people to our present age. The content is presented in four main sections: the Native Americans, the Revolution, Industrial PA, and Modern PA. This class mixes research, primary documents, and lecture. It also includes the geography of PA and the surrounding area.

Industrial/Domestic Courses

Woodshop I **Grade Level—9** **0.50 credit**

In this class students develop and improve knowledge and skills of basic wood working. They learn and practice safety in the shop and develop Christian character traits such as orderliness, diligence, thoroughness, and patience.

Adv. Woodshop **Grade Level—10, 11, 12** **0.25+ credit**

Students develop and improve knowledge and skills of advanced processes of woodworking on a self-paced level.

Appliance Repair **Grade Level—10, 11, 12** **0.13 credit**

This class is generally taught by a Martin's Appliance service technician. The emphasis is on understanding electronic circuitry.

Auto Maintenance **Grade Level—10, 11, 12** **0.13 credit**

This class emphasizes basic auto maintenance and incorporates hands on experience.

Electrical **Grade Level—10, 11, 12** **0.13 credit**

In this class students learn how to install wires, receptacles, switches, and lights.

Small Engines **Grade Level—10, 11, 12** **0.13 credit**

In this class students learn the basic components of a small engine and will experience rebuilding an engine.

Home Economics I **Grade Level—9** **0.5 credit**

The goals of this class are to gain skill in operating a sewing machine and constructing a garment, to increase skill in cooking and baking, and to learn to make a variety of food. In the first quarter, students learn to use the sewing machine and spend most of the class time constructing a simple but complete outfit. In the second quarter, students work in the kitchen.

Adv. Home Economics Grade Level—10, 11, 12 0.5 credit

This class may vary due to size and interest. Students look at hospitality and using what is around them to bring beauty into homes. They focus on improving their kitchen skills through canning, baking bread, and seasonal foods. Students learn how to make a meal for a large group of people and serve it. There may be a variety of other small projects, which may include a simple sewing project.

Chef’s Class Grade Level—11, 12 0.25 credit

This class focuses on giving guys essential kitchen skills. The goal is to help each student feel comfortable enough in the kitchen to pick up and follow any basic recipe. Class time includes some notes with one cooking project each day.

Child Care Grade Level—11, 12 0.5 credit

The aim of this class is to prepare students to care for a child by providing the physical, emotional, social, intellectual, and spiritual care that a child needs. Another goal of this class is to encourage students to reach out and become involved in a positive way in the lives of the children they have contact with. Subject material begins with preparation for parenting, family planning, pregnancy, childbirth, etc. After that, the stages of infancy and childhood are studied, along with special discussion topics. Activities may include a field trip to a daycare and a day of interacting with babies and toddlers, as well as a day with kindergarten students. Class may include visiting speakers on topics related to childcare and jobs that involve working with children.

Shop for Girls Grade Level—11, 12 0.5 credit

This course gives girls the opportunity to have woodshop experience. A small project is made out of knotty pine wood.

Language Arts

English I Grade Level—9 1.0 credit

English 1 includes grammar, composition, literature, vocabulary, and spelling. Because the study of grammar is foundational to mastering the English language, grammar is given a place of major importance throughout English 1. The variety of composition assignments allows students the opportunity to practice applying the grammar concepts they learn. The study of literature develops a knowledge of literary terms, an appreciation of poetry, and an acquaintance with many important authors. Students learn to analyze the development of plot, theme, setting, and character within a work of literature.

In order to become an effective communicator, one must know and be able to use an extensive, well-developed vocabulary. The vocabulary lists for English 1 are taken from the stories found in the literature text. Equally as important as using a good vocabulary is using correct spelling. The words chosen for the spelling lists are practical words and many of them are words which are frequently misspelled.

English II **Grade Level—10** **1.0 credit**

English 2 includes grammar, composition, literature, vocabulary, and spelling. Because the study of grammar is foundational to mastering the English language, grammar is given a place of major importance throughout English 2. The variety of composition assignments allows students the opportunity to practice applying the grammar concepts they learn. Students complete a formal literary research project. The study of literature gains increasing importance in English 2, as students are exposed to significant works from ancient literature as well as many modern classics. The goal is for students to comprehend and appreciate the basic elements of a work of literature through author biographical material, analysis of the literary work, a knowledge of literary terms, and literary compositions. Knowing and using a good selection of choice vocabulary words definitely gives high school students an advantage, whether it is in a job interview, on a college entrance exam, or simply in meeting today's emphasis on expression and communication. The ability to spell well is an equally important educational asset. In addition to the spelling and vocabulary lists, English 2 students learn the meanings of word parts (prefixes, roots, suffixes) that will help them determine the meanings of thousands of other words.

American Literature A **0.5 credit**

Prerequisite: English 2 **Grade Level—11, 12**

American Literature A is intended for the college-bound student. Students should have completed English 2 before taking American literature. The focus of the course shifts from grammar to literature and from descriptive to argumentative writing. The literature segment provides foundational instruction in American literature by presenting great works of early American poets, short story authors, essayists, and novelists with an emphasis on the novel *The Scarlet Letter*. The goal is for the students to comprehend and appreciate the basic elements of a work of literature. The course includes a variety of composition assignments that develop the students' ability to think and analyze literary works and develop the maturity of their writing style. They learn to organize their thoughts and present them in a concise, readable, understandable, and convincing manner. The goal of the grammar review in this course is editing and improving the students' writing.

American Literature B

0.5 credit

Prerequisite: English 2

Grade Level—11, 12

American Literature B is intended for the college-bound student. Students should have completed English 2 before taking American literature. The focus of the course shifts from grammar to literature and from descriptive to argumentative writing. The literature segment provides foundational instruction in American literature by presenting great works of the nineteenth century in chronological format and then leads into twentieth century American literature. The goal is for the students to comprehend and appreciate the basic elements of a work of literature. The course includes a variety of composition assignments that develop the students' ability to think and analyze literary works and develop the maturity of their writing style. They learn to organize their thoughts and present them in a concise, readable, understandable, and convincing manner. The goal of the grammar review in this course is editing and improving the students' writing. American Literature A is NOT a prerequisite to this class.

British Literature A

each 0.5 credit

Prerequisite: English 2

Grade Level—11, 12

British Literature A is intended for the college-bound student. Students should have completed English 2 before taking British Literature. Literature and composition are given top priority in this course. British literature presents great works of British writers from the Anglo-Saxon period through the Age of the Puritans, with special emphasis on Macbeth and Pilgrim's Progress. The goal is for the students to comprehend and appreciate the basic elements of a work of literature. The course includes a variety of composition assignments that develop the students' ability to think and analyze literary works and develop the maturity of their writing style. They learn to organize their thoughts and present them in a concise, readable, understandable, and convincing manner. The goal of the grammar review in this course is editing and improving the students' writing. Students may take either the first or second semester for a half credit or the whole year for one credit.

British Literature B

each 0.5 credit

Prerequisite: English 2

Grade Level—11, 12

British Literature B is intended for the college-bound student. Students should have completed English 2 before taking British Literature. Literature and composition are given top priority in this course. British literature presents great works of British writers from the Restoration and the eighteenth century through the twentieth century. The goal is for the students to comprehend and appreciate the basic elements of a work of literature. The course includes a variety of composition assignments that develop the students' ability to think and analyze literary works and develop the maturity of their writing style. They

Creative Writing**Grade Level—10, 11, 12****0.5 credit**

Creative Writing allows students to pursue the enjoyment of writing. Students begin with writing short stories from their own life experiences. As they master the story form, they expand their skills to include fiction, article, and poetry writing. Students learn to critique, revise and edit both their own and other students' stories and articles. The goal of the course is to help students enjoy story and poetry writing and gain confidence in submitting manuscripts for publication.

Christian Authors**Grade Level—10, 11, 12****0.5 credit**

Christian Authors reviews basic story elements and writing techniques through stories and poems written by various Christian authors. Most of these authors are from the nineteenth and twentieth centuries. Students also choose a specific Christian author for a more in-depth study. The focus of this part of the course is to learn to analyze an author's writings to determine his motivating theme or common characteristics of his writings. The goal of this course is to help students become more discriminating readers.

Mathematics

Pre-Algebra**Grade Level—9****1.0 credit**

The goal of this class is to help the student master the mathematical skills necessary to succeed in Algebra 1, other classes where logical skills are needed, and life outside of school.

Algebra I**Grade Level—9, 10****1.0 credit**

Algebra 1 is the first course in the high school algebra sequence and is the beginning of the abstract study of arithmetic operations. The intent of the course is to give the student a good foundation in the basic fundamentals of algebra. It is required for all students who are determined to be adequately prepared as per their scores on an algebra prognosis test, eighth grade achievement test ranking, and/or eighth grade math teacher recommendation.

Topics emphasized in this course are the properties of the real number system, statistical graphs, graphing with the Cartesian coordinate system, simplification and evaluation of algebraic expressions, equations, inequalities, linear functions, polynomials, exponents, factoring, and problem-solving. A calculator is required with a scientific calculator being preferred.

Geometry**Grade Level—10, 11, 12****1.0 credit****Prerequisite - Algebra I**

Geometry emphasizes the development of both inductive and deductive reasoning within the context of Euclidian geometry. It is required for all students who have taken and passed Algebra 1 in either eighth or ninth grade and is recommended for all other students who have completed Algebra 1. Topics taught include the properties of lines, polygons, and circles, constructions, coordinate geometry, congruence, including some deductive proofs using congruent triangles, similarity, area, volume, and triangle trigonometry. Additional topics taught as time permits may include logic, deductive proofs, and transformations. A calculator, ruler with both English and metric units, protractor, and drawing compass are required.

Algebra II**Grade Level—10, 11, 12****1.0 credit****Prerequisite - Algebra I & Geometry**

Algebra 2 is suggested for the academic student who has completed Algebra 1 and Geometry with at least an average grade of “C” or who has received a teacher recommendation. Topics emphasized in this course include the study of equations and functions (including linear, absolute value, quadratic, polynomial, and exponential), linear, absolute value, and quadratic inequalities, systems of equations and inequalities, polynomials, exponents, irrational and complex numbers, conic sections, factoring, algebraic fractions, combinatorics, probability, statistical analysis, and using math models to solve real life problems. Additional topics taught as time permits may include matrices and a review of triangle trigonometry. A scientific calculator is required. Students will gain some experience in using the TI-83+ graphing calculator.

Pre-Calculus**Grade Level—11, 12****1.0 credit****Prerequisite: Algebra II**

Pre-Calculus is intended for the college-bound student or the student with above-average mathematical skills. A student enrolling in Pre-Calculus must have received an “A” or “B” in Algebra 2 or have a teacher recommendation. Pre-Calculus is largely an Algebra 3/Trigonometry course. Topics taught in this course include a review of the types of equations, inequalities, systems, and functions learned in Algebra 2, logarithms, including equations and functions, analytical geometry, trigonometry, including its functions, properties, and applications, and some pre-calculus topics as time permits, which may include polar coordinates and equations, sequences and series, and limits. A scientific calculator is required. Students will extend their knowledge and use of the TI-83+ graphing calculator.

Calculus**Grade Level—12****1.0 credit****Prerequisite: Pre-Calculus**

This course is intended for college-bound students with interests in math and/or science or those with above-average mathematical ability. It is NOT intended to prepare students for the AP Calculus Exam, although students who do well would likely be prepared for it. Students must have received an “A” or “B” in Pre-Calculus before enrolling in Calculus and must be self-motivated.

The topics taught in Calculus include a review and extension of some topics taught in Pre-Calculus, including trigonometry and analytical geometry, limits, derivation, integration, and their applications.

The textbook used is *Calculus* by Saxon and Wang and the course is self-study with a faculty advisor who will answer questions, grade exercises, and administer and grade the exams. Students are required to satisfactorily complete lessons 1-80 and the appropriate exams to receive one credit or lessons 1-40 and the appropriate exams for one-half credit. A scientific or graphing (recommended) calculator is required.

Consumer Math**Grade Level—11, 12****1.0 credit**

Consumer Math focuses on mastering basic math fundamentals. The class is taught from a consumer’s perspective and will result in students’ learning consumer terms practical to everyday life. Students study subjects such as bank accounts, loans, mortgages, automobile ownership, insurance, purchasing and taxes. Students will complete projects on insurance, home ownership, automobiles, and taxes.

Music

Music Theory**Grade Level—9****0.5 credit**

This course focuses on music fundamentals, symbols and vocabulary. Music is a language and this class focuses on learning how to read the language, not necessarily speaking (singing) it. By the end of the course, students will be able to pick up an unfamiliar piece of music and read it. Students will learn how to lead a singing audience, how to understand the piano keyboard, and how to sing with more confidence and ease. The textbook is *Alfred’s Essentials of Music Theory*.

Adv Music Theory**Grade Level—11, 12****0.5 credit**

This will be a continuation of Music Theory I. There will be an emphasis on chord construction and identification, Roman Numeral Analysis of Music from the Common Practice Period, and beginning level Music Composition. The textbook is *Alfred’s Essentials of Music Theory*.

Large Chorus Grade Level—9, 10, 11, 12**0.5 credit**

Participation in the large chorus is required of all students. The goals for the large chorus are to help students improve their singing skills, learn how to work together, and to present two Christmas and two spring concerts by memory, consisting of sacred a cappella music that honors and blesses the Lord. Concerts may also include student narration. Students' grades will largely be determined by their participation and attitude during weekly rehearsals and their presence at and performance behavior during concerts. Students should expect to have music listening assignments.

Gospel Team Grade Level—11, 12**1.0 credit**

The Gospel Team is an elective class for eleventh and twelfth grade students. Gospel Team is intended to be a growing experience musically, spiritually, and socially for each student. The goals of the Gospel Team relate to these three areas of experience: 1) Students will improve their vocal skills (both individually and as a group) and general knowledge pertaining to choral music. 2) Students will be drawn closer to God in their spiritual lives, be an encouragement to one another, understand better how to praise God together, and be an instrument which God can use to draw others' hearts to Himself. 3) Students will learn to accept each other and relate well together despite their differing personalities, gifts, strengths, and weaknesses.

The Gospel Team gives programs of sacred a capella music and testimony in local churches, prisons and juvenile centers, rehabilitation programs, and rest homes during the months of January through May as planned by the director. A weekend tour consisting of four or five programs is also planned each year. It also participates in both the Christmas and spring concerts.

Students are required to attend all programs, memorize their songs, and are expected to listen to the provided playlist of Gospel Team songs. Students may be required to listen to and practice their music outside of the normal class periods. Students' grades will be determined by their participation in daily rehearsals, their attendance and performance in programs, and quizzes.

Sight Singing/Voice Class Grade Level—10, 11, 12**0.25 credit**

This course is designed to prepare students to participate in musical opportunities, such as the THMH Gospel Team, church youth choirs and Bible school choirs. The focus of the class will be 50 percent sight singing and 50 percent voice training. The students will receive group voice lessons using the standard vocal training techniques used by private voice coaches and university teachers. The text for the sight singing will be *Sing at First Sight* and the *Mennonite Hymnal*.

Advanced Voice**Grade Level—11, 12****1.00 credit**

This course is designed to help develop the tools necessary to read and sing music proficiently. Proper vocal technique will be a large component of this class. The focus of the class will be 40 percent sight singing and 60 percent voice training. The sight singing component will be largely comprised of reading through many pieces of the sacred a cappella repertoire. A goal of THMH is that the collective enjoyment of the heart and soul of music will permeate our singing and listening.

Physical Education and Health

Girls' PE**Grade Level—9, 10****0.5 credit**

In this class, grading is based on character, skill, and a quarterly test on notes provided in class in four main sports: soccer, basketball, volleyball, and softball, as well as some track and field activities. One game is played each quarter with another school.

Girls' Fitness Class**Grade Level—11, 12****0.25 credit**

In this physical education class grading is largely dependent on participation in various sports activities, aerobics, and setting personal fitness goals. This class is designed to broaden horizons in both fitness awareness and sports activities.

Girls' Volleyball**Grade Level—11, 12****0.25 credit**

This fairly intense physical education class focuses on volleyball, in which students learn rules, referee signals, fundamentals, techniques and strategies. Students are graded heavily on effort and performance. Students are required to participate in several games with other Mennonite schools.

Girls' Soccer**Grade Level—11, 12****0.13 credit**

This fairly intense physical education class focuses on soccer, in which students learn rules, referee signals, fundamentals, techniques and strategies. Students are graded heavily on character and skill, followed by a test on notes given in class. Students are required to participate in several games with other Mennonite schools.

Girls' Basketball**Grade Level—11, 12****0.13 credit**

This fairly intense physical education class focuses on basketball, in which students learn rules, referee signals, fundamentals, techniques and strategies. Students are graded heavily on character and skill, followed by a test on notes given in class. Students are required to participate in several games with other Mennonite schools.

Guys' PE**Grade Level—9, 10****0.50 credit**

This class spends time on developing physical fitness, learning the rules of a variety of sports, practicing the fundamentals of those sports, and competing with other students. The sports that this class focuses on the most are soccer, basketball, volleyball, and softball. Each quarter, a different sport is played, with the exception of fourth quarter. A test on the rules is taken each quarter. One game is played each quarter with another school.

Guys' Fitness Class**Grade Level—11, 12****0.25 credit**

This class focuses primarily on aerobic activity and learning different forms of recreation. There are no rules tests; however, students should expect to be tested on various physical fitness topics. In each class period, some time is spent in various forms of recreation (wiffle ball, floor hockey, flag football, soccer, basketball, volleyball, softball, indoor soccer, track events, badminton, table tennis, team handball, etc.). Students in this class do not compete with other schools.

Guys' Basketball**Grade Level—11, 12****0.25 credit**

This fairly intense class focuses primarily on the game of basketball. Students learn the rules, referee signals, fundamentals, various techniques, and strategies. In this class, teamwork is emphasized, taught, and required. Students are required to participate in games with other Mennonite schools. Students can plan on playing in four games plus a tournament.

Guys' Volleyball**Grade Level—11, 12****0.25 credit**

This fairly intense class focuses primarily on the game of volleyball. Students learn the rules, referee signals, fundamentals, various techniques, and strategies. In this class, teamwork is emphasized, taught, and required. Students are graded heavily on effort and performance. Students are required to participate in several games with other Mennonite schools.

Health**Grade Level—12****0.5 credit**

This class is focused on our health: physical, mental, emotional, social, and even spiritual. The goal is to learn more about ourselves to better enable us to be followers of Christ.

Science

Physical Science**Grade Level—9****0.5 credit**

This course explores the interactions of matter and energy to discover how the physical world operates. The physical and chemical properties of matter are analyzed to understand how to measure matter and the forces of energy it

produces. Heat, molecular motion, light, electricity, magnetism, and machines to multiply forces of energy are all made relevant to daily life. This course includes numerous hands-on labs that bring to life the concepts taught.

Biology

Grade Level—10

1.0 credit

This course explores life – the marvelous and complex creation designed and controlled by God. Plant life and animal life are both studied. The design and function of the human body are emphasized in recognition that our bodies are the temple of the Holy Ghost. The text concludes with a study of cellular biology highlighting the intricate and technical necessities at a cellular level to maintain and propagate life. Life is studied in this course with the understanding that God is the giver of this precious gift as stated in His Word.

Advanced Biology

Grade Level—11, 12

1.0 credit

This course explores the wonders of the human body in terms of body structure (anatomy) and body function (physiology). The first three chapters provide an overview of the human body discussing the major organ systems at work on a macroscopic level, the chemistry at work in the body at a microscopic level, and the cells which build tissues to form the basic units from which life processes can proceed. After these introductory chapters, each organ system is studied individually and in depth with emphasis on homeostatic imbalances within the system which cause illness. This course is **ADVANCED** biology and expects students to bring motivation, desire to learn, and persistence to pursue a deeper knowledge of the human body and the multitude of terms that describe it. This course is an excellent prerequisite for any student considering any type of medical training, or discovering the depths of the Psalmists declaration, "I am fearfully and wonderfully made."

Basic Chemistry

Grade Level—11, 12

1.0 credit

This course explores the composition, structure, and properties of matter at an atomic level and the changes that matter undergoes. The periodic table of the elements, compounds and chemical bonds are studied, as well as the identity and interactions of acids, bases, salts, solutions, and gases. Learning chemical symbols and formulas, identifying different chemical reactions, and balancing chemical equations are an important part of the course. However, general chemistry students are expected to memorize as many technical details as regular chemistry class but will have reference charts provided to them so they can quickly look up the information needed for their work. Numerous, simple labs with common household materials are completed to reinforce concepts. The textbook is student centered with clear expectations and review to ensure that concepts are mastered before quizzes and tests.

Chemistry**Grade Level—11, 12****1.0 credit**

This is a branch of science that deals with the composition, structure, and properties of matter, and the changes that matter undergoes. Elements, compounds and the chemical bonds involved are studied in detail, as well as the identity and interactions of acids, bases, and salts. Identifying different chemical reactions and balancing chemical equations, along with learning the chemical formulas and symbols, is an important part of the course. Time is given to experiencing hands-on observation of chemical properties and changes in the laboratory. A proficient ability in algebraic manipulation is helpful for this course.

General Science**Grade Level—11, 12****1.0 credit**

This course explores the major content of ag science, environmental science, chemistry, and physical science as a review of the major sciences. The quarter of ag science reviews key concepts of biology. The quarter of environmental science studies the environment, ecosystems at work, and the human impact on those ecosystems. The quarter of chemistry introduces chemistry as the building blocks of all matter with focus on the microscopic structure of the atoms, molecules, and elements and how they are quantified. The quarter of physical science focuses on macroscopic matter reviewing the basic concepts of matter, its states, and its visible energy of motion.

Agricultural Science**Grade Level—11, 12****1.0 credit**

This course is designed to introduce the student to crop and animal agriculture from a biological perspective. Instead of focusing on the “how to” it focuses more on the “why” perspective. Subjects covered range from soil science to food preservation and safety. Other subjects more specific to agriculture include plant and animal growth and reproduction, weed and insect control, and disease treatment and prevention. Specialty subjects include organically grown products, aquaculture, and forestry. Labs and field trips are included as appropriate.

Physics**Grade Level—11, 12****1.0 credit****Prerequisites - Algebra I & II, Geometry**

Physics is the study of energy and matter in their various forms and how they interact. This course is intended for college-bound students who have interest in the sciences or who have above-average mathematical ability. Algebra 1 and Geometry are pre-requisites for Physics and students must have received grades of “C” or better in those classes. Students must also have completed Algebra 2 or be taking it concurrently. Topics taught include motion, momentum, work, electricity, heat, sound, light, and magnetism. A scientific calculator is required.

Social Science

Economics

Grade Level—11, 12

0.5 credit

The class on economics looks at how economies function in areas such as production, supply and demand, marketing and competition, savings, and the global interactions of different countries' economies. This is then related in a practical way to our current situation and our own involvement in the economy.

Psychology

Grade Level—11, 12

0.5 credit

This class is about the study of the human mind. This is a very broad subject and must be approached in a way that leads to Christ. Students look at how psychology began, some of its basic beliefs, and some applications. Throughout the class, students try to draw connections to the Word of God or point out where psychology disagrees with it. The goal of the class is to understand ourselves better, and to understand what psychology means to many people and how it may be in error.

American Government & Current Events

Grade Level—11, 12

0.5 credit

American Government & Current Events uses the study of American Government to drive an understanding of what is going on in our current world. The student can expect homework to be primarily about American Government, while class discussion and content will be about both government and current events. A major objective in this class is not only an understanding of American government and current events, but a Jesus-informed view of these subjects. This class attempts to form a lover of God who is compassionate and understanding of all people. This lover of God will see Jesus and His Kingdom as the answer to our world.

General Electives

Art I – Sketching Grade Level—10, 11, 12 **0.25 credit per semester**

Whether you consider yourself a beginner or an experienced artist or none at all, this class is designed to take your skill to the next level. Students work through a series of drawing exercises to train the eye to see things from an artist's perspective, using the book *Drawing on the Right Side of the Brain*. More advanced classes may include paints, murals, sculpture, and design elements. Expect some assignments.

Crafts **Grade Level—10, 11, 12** **0.25 credit per semester**

This class is designed as a hands-on class. The class is primarily project based and exploratory. Most projects are graded with the use of a rubric. Participation counts heavily in this class.

Graphic Arts A **Grade Level—10, 11, 12** **0.5 credit**

Intro to Graphic Design is an exposure course. It provides a time and place for the student to learn basic principles of design and explore Adobe Photoshop and Illustrator. The course is designed around projects and online tutorials.

Newspaper **Grade Level—11, 12** **0.25 credit**

This class involves planning and creating a monthly school newspaper, *The Kaleidoscope*. It includes communication aspects such as writing, photography, and design. A special emphasis is placed on public relations and cultivating school spirit. Students will develop skills such as teamwork, time management, creativity, and accuracy.

Photography **Grade Level—10, 11, 12** **0.25 credit**

In this class, students spend the first quarter of the semester exploring both technical and artistic aspects of photography. This first involves a study of their camera's auto modes, aperture, ISO, shutter speeds, exposure, focus, and other functions within the photographer's control. Students also study good perspective and composition from the work of professionals and observe the extraordinary role light can play in their photographs. Each of these topics is followed by hands-on task or assignment. Students will learn to think visually, tell a story, and watch for the decisive moment when composing photographs. This class involves experiential learning, as well as instructional time in the classroom. There are weekly assignments and a number of essay projects.

Students should have their own camera with these requirements: digital Canon model (unless otherwise approved--must be able to manually control ISO, shutter speed, and aperture), 3x or more zoom, and the camera's instruction manual (IMPORTANT!). An extra set of charged batteries must be present every class.

Work Study **Grade Level—12** **1.00 - 2.00 credits**

Work study provides a learning opportunity for students to work toward their life goals by learning a trade, skill or knowledge not available in the classroom. Students must attend school a minimum of four hours each day and carry a minimum of four academic credits. The student needs to be employed by an approved employer the rest of the school day.

Yearbook**Grade Level—11,12****0.50 credits**

The goal of this class is to produce the THMH Silhouettes, a book collecting the memories of our year. Taking pictures, writing, and design are the parts of the hands-on skills learned in this class, while working in a group and long-range motivation are personal skills developed in this class. The class is split between men and ladies so it can run on the off day of Phys Ed.