



HIGH SCHOOL COURSE DESCRIPTION GUIDE

GRADES 9 - 12
2011-2012

LITITZ CHRISTIAN SCHOOL
501 WEST LINCOLN AVENUE
LITITZ, PA 17543
717-626-9518

BIBLE

Bible - New Testament Survey II – Grade 9 - (Required) - 5 periods per week Credit: 1.00

This second part of New Testament Survey specifically looks at the epistles and the book of Revelation. Epistles written by Paul, Peter, James, and John will be studied, as well as a brief look at future things.

Bible – Grade 10 - (Required) - 5 periods per week Credit: 1.00

Living by the Book – This course will involve a project-oriented study on Bible study principles through the text, *Living by the Book* or *The History of the New Testament* by Howard Hendricks. We will also be incorporating within the Bible Study Tools course a look at *Christian Doctrine*. These mini-units will look at some basic doctrines of the Christian Church – God, Christ, The Holy Spirit, Salvation, and the Church. It will be challenging in nature and will require some papers to be written. This course will provide an excellent foundation for students in their daily, personal time in the Scriptures, as well as the tools for further in-depth study in 11th and 12th grades.

Bible – Grade 11 - (Required) - 5 periods per week Credit: 1.00

Faith & Discipleship (First Semester) - What does Christ mean when He commands us to “Go and make disciples...?” What is the cost of being a disciple of Jesus? What is faith, and how should we live by it? These questions and more will be discussed and answered in this very practical course on spirituality.

Philosophy and Ethics (Second Semester) – This semester course will be divided into four sections: Ancient and Hellenistic Thought, Medieval and Modern Philosophy, Contemporary Thought, and Ethics. Students will be interacting with various writings and philosophies, which will be a convenient prelude to their senior Bible course.

Bible – Grade 12 (Required) - 5 periods per week Credit: 1.00

Apologetics - This course will compare Christianity to a number of prevalent philosophies and religions in our culture today. How do we prove that absolutes exist? What is the origin and purpose of mankind? How can we believe in god with so much evil and suffering in this world? These questions and more will be discussed and answered throughout the semester through many research projects and papers. An in-depth study of Islam, Buddhism, Hinduism will also be incorporated within the course.

ENGLISH

English – Grade 9 - (Required) - 5 periods per week Credit: 1.00

The ninth grade English course is designed to be a review and continuation of the basic English skills learned in previous years. Parts of speech, proper sentence construction, and verb tenses will be reviewed. The course includes the development of good writing, listening, and public speaking skills. Vocabulary activities are an integral part of the literature studies. Required reading includes Shakespeare’s *Romeo and Juliet*, *The Lilies of the Field* by William E. Barrett, *To Kill a Mockingbird* by Lee Harper, and *The Hiding Place* by Corrie ten Boom. Other works of literary value may be added to this list or substituted for one of these pieces. Students will be required to write an MLA research paper.

World Literature – Grade 10 (Required) - 5 periods per week

Credit: 1.00

Alternative: World Literature Foundations

This course is designed to teach an introduction to world cultures and themes in literature using various selections from world literature. The second part of the course is a review of the history of world literature and a study of several classic works. Grammar review will emphasize usage and mechanics. Work in composition includes refining paragraphs, essay writing, critical, and written interaction with literature. An emphasis on speech will strengthen the student's ability to communicate. Vocabulary study will be incorporated with the literature. Students will be required to write an MLA research paper.

Prerequisite: Teacher approval

World Literature Foundations –Grade 10 (Required) – 5 periods per week

Credit: 1.00

Alternative: World Literature

English Foundations will have a strong emphasis on writing. Students will focus on remedial writing and public speaking skills as well as reading literary selections from World Literature. Writing will include various modes through several writing projects. English foundations will also include the mandatory 10th grade coursework in vocabulary and grammar. Entrance to this course requires a recommendation from the 9th grade English teacher and/or Guidance Counselor.

English – Grade 11 (Required) - 5 periods per week

Credit: 1.00

Eleventh grade English includes a survey of American literature from the earliest oral traditions of the Native Americans to the authors of the twentieth century. Vocabulary development, a review of English grammar, and development of critical thought and composition skills will be incorporated in the studies. Students will be required to write an MLA research paper.

English Composition – Grade 12 (Required) - 5 periods per week

Credit: 1.00

Alternative: Advanced Placement English

The English composition course is a study of writing skills and includes activities in writing essays, other prose, creative pieces, and journalism. The students will have the opportunity to develop their writing abilities in the areas in which they are personally interested. Grammar, usage, and mechanics will be reviewed, and the students will be expected to master a biweekly vocabulary list. The students will be required to read a novel from the senior high reading list each quarter.

**Advanced Placement English – Grade 12 (Required) - 5 periods per week
(Weighted Course)**

Credit: 1.00

Alternative: English Composition

Advanced Placement English is a college-level class with college-level requirements. At the end of the spring semester, students will have the opportunity to earn college credit by taking the Advanced Placement Examination in English Literature and Composition. The concentration of content in this course is the study of artistic use of language of increasing complexity. Evaluation of student progress will be through in-class and out-of-class writing assignments, various literary analysis projects, and vocabulary quizzes. Summer reading is required.

Prerequisite: Teacher approval

SOCIAL STUDIES

United States History III – Grade 9 (Required) - 5 periods per week **Credit: 1.00**

Ninth grade history begins with the 20th Century and continues through present day. Topics for the course include Progressivism, World War I, the 1920's, the Great Depression and the New Deal, World War II, the Post-War World, Equality and Social Reform, the Vietnam War, and modern presidencies.

World Geography – Grade 10 (Required) - 5 periods per week **Credit: 1:00**

World Geography will involve extensive topical coverage of physical and human geography around the world, with particular emphasis on the skills and tools necessary to study independently. Contemporary issues will be discussed in the light of a Christian worldview and with consideration of cultural and geographical differences.

World History – Grade 11 (Required) - 5 periods per week **Credit: 1.00**

This survey of World History from creation to The French Revolution interprets historical events in the light of God's Word. The course includes politics, economics, geography, and the arts and sciences. Special emphasis is given to the church and the obstacles that have confronted it.

American Government – Grade 12 (Required) - 5 periods per week **Credit: 1.00**

This survey of American Government will acquaint the students with the basics of American politics. The course will include a comparative study of political systems, as well as consideration of the uniqueness of the American Republic, civil rights and responsibilities, the party system, the three branches of government, and the American electoral process. It will stress the importance of the Constitution and the events that led to its creation. Special consideration will also be given to current events.

MATHEMATICS

	Business	Foundational	College Prep.	Honors
6 th	<i>No courses offered</i>	Math 6		
7 th		Math 7	Pre-Algebra	
8 th		Pre-Algebra 8	Algebra I	Algebra I Honors
9 th		Basic Algebra I	Geometry	Geometry Honors
10 th		Basic Geometry	Algebra II	Algebra II Honors
11 th	*Accounting I	Basic Algebra II	Pre-Calculus	Pre-Calculus Honors
12 th	*Accounting I/II	1 st Sem.–Business Math/Accounting 2 nd Sem. – Basic Trigonometry	1 st Sem. – Calculus 2 nd Sem. – Statistics	AP Calculus AB

* Students may receive Math credit for Accounting courses if they have successfully completed Algebra II.

****IMPORTANT:** College Prep and Honors tracks 9th-12th grades and Foundational track (11th and 12th grades) **will be required** to have an approved fully operational ***graphing calculator***. The approved graphing calculators are any TI-83 or TI-84 graphing calculator regular, plus, or silver

edition.

9th Grade

Foundational: Basic Algebra I - 5 periods per week

Credit: 1.00

This course includes concepts typically taught in college prep algebra and includes real world applications. This course uses a traditional text that covers topics such as equations with more than one variable, inequalities, factoring, rational expressions, relations, linear and non-linear functions, radicals, and statistics and probability. Graphing calculators are used wherever possible to further student understanding of the concepts.

College Prep: Geometry - 5 periods per week

Credit: 1.00

A traditional text will be used, which emphasizes visual and tactile representations of math concepts to enhance retention of concepts taught. Topics covered in Geometry include deductive reasoning, segment measurement, coordinate graphing, angles, triangles, quadrilaterals, proportions and similarity, area of polygons, circle relationships, surface area and volume.

Prerequisite: Algebra I with a grade of C or above.

Honors: Geometry Honors - 5 periods per week

Credit: 1.00

(Weighted Course)

Topics in Geometry include deductive reasoning and proof, parallel and perpendicular lines, congruent triangles, quadrilaterals, proportions and similarity, right triangles and trigonometry transformations, circles, and area and volume. The students will be taught to reason deductively and to prove theorems in geometry.

Prerequisite: Algebra I with a grade of C or above.

10th Grade

Foundational: Basic Geometry - 5 periods per week

Credit: 1.00

This course covers introductory geometry concepts such as measurement, area, surface area, and volume. Properties of spatial relationships, parallel lines, triangles, quadrilaterals, and circles are examined, as well as fundamentals of reasoning and logic. Students will engage in many hands on labs using compasses, rulers, and protractors as a means to intuit God's mathematical truths being taught.

Prerequisite: Passing grade in Algebra I

College Prep: Algebra II - 5 periods per week

Credit: 1.00

This course will prepare students for pre-calculus concepts. Topics include equations and inequalities, linear relations and functions, systems of equations and inequalities, quadratic functions, polynomial functions, radicals, rational expressions, exponential and logarithmic functions, and matrices.

Prerequisite: Algebra I with a grade of C or above

Honors: Algebra II Honors - 5 periods per week

Credit: 1.00

(Weighted Course)

Students will use algebraic concepts, functions, and equations as a means of analyzing and understanding a broad variety of relationships helping them better understand the structure of Algebra. They will connect algebraic and geometric representations of functions using a variety of representations and tools to model mathematical situations to solve meaningful problems.

Pre-requisite: Honors Algebra I with a grade of C or above or Algebra I with a grade of B or above
11th Grade

Business: Accounting I* - 5 periods per week

Credit: 1.00

**Students may count this course as a Math credit if they have successfully completed Algebra II.*

This course introduces the world of accounting. Two elementary accounting cycles are covered, and a basic understanding of business structure is learned.

Foundational: Basic Algebra II - 5 periods per week

Credit: 1.00

Building on Basic Algebra I, students will continue their study of first- and second-degree equations and inequalities. Other subjects covered include polynomial functions, radical equations and inequalities, rational expressions and equations, and discrete mathematics, especially as it relates to God's creation.

Prerequisite: Passing grade in Algebra I

College Prep: Pre-Calculus - 5 periods per week

Credit: 1.00

This course integrates concepts and skills relating to foundational, two-dimensional calculus, such as the concept of critical points and limits, function analysis, trigonometry, and geometry. Real-world examples will be used throughout the course and will demonstrate how calculus is utilized in occupations as varied as engineering, architecture, economics, crime/accident investigation, business, and others.

Pre-requisite: Algebra II with a grade of C or above

**Honors: Pre-Calculus Honors - 5 periods per week
(Weighted Course)**

Credit: 1.00

This course will prepare students to take AP Calculus. Advanced algebra topics include: linear relations and functions, systems of equations and inequalities, graphing, polynomial and rational functions, conics, and exponential and logarithmic functions. Topics in trigonometry include: trigonometric functions, graphing, and proving trigonometric identities, vectors and parametric equations, and polar coordinates.

Prerequisite: Honors Algebra II with a grade of C or above or Algebra II with a grade of B or above

12th Grade

Business: Accounting I* - 5 periods per week

Credit: 1.00

**Students may count this course as a Math credit if they have successfully completed Algebra II.*

This course introduces the world of accounting. Two elementary accounting cycles are covered, and a basic understanding of business structure is learned.

Business: Accounting II* - 5 periods per week

Credit: 1.00

**Students may count this course as a Math credit if they have successfully completed Algebra II.*

Accounting II takes a more in-depth view into accounting cycles. The chart of accounts is deeply explored – learning such areas as depreciation, stock ownership and inventory methods. Business decision making and analysis are then introduced.

Prerequisite: Accounting I

Foundational: Business Math/Accounting - 5 periods per week

Credit: .50

(Offered 1st Semester only)

*Students may count this course as a Math credit if they have successfully completed Algebra II. This course provides an overview of mathematics applied directly to the world of business. Accounting cycles are covered and a basic understanding of business structure is learned

Foundational: Basic Trigonometry – 5 periods per week

Credit .50

(Offered 2nd semester only)

This is a one-semester course offered for students who need .5 credit in trigonometry to meet the entrance requirements for college, as well as for students who seek a stronger math background in order to be better prepared for the next phase of their lives. The course will cover traditional trigonometric content: degree and radian measure of angles, trigonometric functions, graphs of trigonometric functions, basic trigonometric identities, and vectors.

Prerequisites: Algebra I, Algebra II, Geometry

College Prep: Calculus - 5 periods per week

Credit: .50

(Offered 1st Semester only)

This one-semester course is for students who might, at some point, take a calculus course in college. Three major topics of a first-year calculus course will be presented—limits, derivatives, and integrals. The course will give the students experience in these concepts so they will not be seeing the topics for the first time when they take a calculus course in college.

Prerequisite: Pre-calculus with a grade of C or above

College Prep: Statistics – 5 periods per week

Credit: 1.00

(Offered 2nd Semester only)

The purpose of this course is to teach students how to make informed decisions using data. Students will collect data, organize and summarize it, find relationships between two variables, find probability, create and interpret probability distributions and sampling distributions.

Prerequisite: Two high school mathematics credits with a grade of C or above

Honors: Advanced Placement Calculus- 5 periods per week

Credit: 1.00

(Weighted Course)

AP Calculus is certified as an Advanced Placement calculus course. Students will be prepared to take the AP Calculus AB exam in the spring. Topics of study include limits, continuity, differentiation, and integration. Applications of the derivative and the integral will be explored. Questions from previous AP exams will be used to help prepare students for the AP examination.

Prerequisites: Algebra II Honors, and Pre-Calculus or Pre-Calculus Honors with a grade of C+ or above.

SCIENCE

Physical Science – Grade 9 (Required) - 5 periods per week

Credit: 1.00

Alternative: Physical Science Honors

This course analyzes many physical science properties through study, research, and competition of designed projects done by individual and group interaction.

Physical Science Honors –Grade 9 (Required) – 5 periods per week
(Weighted Course)

Credit: 1.00

Alternative: Physical Science

This course will be a more in-depth approach to the area of physical science and should be taken by those on an academic track (college prep.). Laboratory experiences, hands-on demonstrations, and a variety of projects will be used to verify principles learned from each chapter.

Prerequisite: Grade of 90 or above in 8th grade Science and must have completed Algebra I.

Biology – Grade 10 (Required) - 5 periods per week

Credit: 1.00

Biology is a study of God's living creation. The student will develop knowledge of basic biological terms and fundamental principles of biology, with an emphasis on human anatomy and physiology. Each student will be equipped to defend scientific creationism as well as to criticize the evolutionary model. We would desire that each student develop a greater appreciation for God's marvelous creation and recognize his responsibility as a caretaker.

Chemistry - Grade 11 (Required) - 5 periods per week
(Weighted Course)

Credit: 1.00

Alternative: Environmental Ecology

Students will be exposed to organic/inorganic chemistry by surveying atomic structure; the periodic table; acids, bases and salts; chemical equations and chemical reactions. Laboratory work, demonstrations and other hands-on techniques are integrated to serve as additional learning methods. An incorporation of math (basic algebra skills) will provide support for the quantitative and qualitative procedures of balancing chemical equations and explaining laboratory experiments. Consumer-conscious chemistry will supplement the main course objectives by providing the practical applications.

Prerequisite: B average in Algebra II or Algebra II Honors

Environmental Ecology – Grade 11 - (Required) - 5 periods per week

Credit: 1.00

Alternative: Chemistry

Students will question, assess, speculate conclusions, and view effects of environmental issues: human activity, manipulation of topography, water and air pollution, nuclear waste material, acid rain, solid wastes, and pest controls. The effects of those issues on ecological succession, populations, extinction, mineral deposits, soil, and fresh water systems, will be read and discussed through summarization of articles and reports.

Marine Biology – Grades 11, 12 (Elective)

Credit: .50

This class will be offered every other year, beginning in 2008-2009.

The purpose of this course is to provide a broad overview of the world's oceans, focusing primarily on living organisms, their habitats, and interactions with people. We will utilize books, lecture, discussion, dissection, and use of internet resources to become more knowledgeable on these topics.

Zoology – Grades 11, 12 (Elective)

Credit: .50

This class will be offered every other year, beginning in 2009-2010.

Zoology involves studying all aspects of organisms belonging to the animal kingdom. This course includes selected topics in animal biology such as taxonomy, animal physiology, comparative anatomy, and ecology. Our study of Zoology will be focused on the different phyla of animals. We will work our way from the "simplest" organisms to the most complex. Several different instructional approaches will be used including reading, lecture, videos, dissection, and use of Internet resources.

Physics - Grade 12 (Elective)
(Weighted Course)

Credit: 1.00

Students will become aware of the mathematical principles found in a world created by God. Students will study one- and two-dimensional motion, vectors, forces, work, energy, momentum, collisions, gravitation, fluid mechanics, heat, thermodynamics, vibrations, waves, sound, light, electricity, and magnetism. Laboratory experiences, hands-on demonstrations, and a variety of projects will be used to verify principles of physics learned from each chapter.

Prerequisites: C+ or above in Alg. II and/or Pre-Calculus and Chemistry

Advanced Biology –Grade 12 (Elective) – 5 periods per week
(Weighted Course)

Credit: 1.00

Students will be thoroughly grounded in the basic concepts of Biology through discussion, laboratory investigation, and various assessment strategies. This will allow them to discover and comprehend many sophisticated systems of our wonderfully made temporal shell created by a holy God.

Prerequisites: Biology and Chemistry with grade of B or above or teacher permission

Botany – Grade 12 (Elective) - 5 periods per week

Credit: 1.00

Students will learn the nomenclature, anatomy, taxonomy, propagation, and pathology of many common plants. Incorporation of that knowledge into the study of management and maintenance of indoor plants, farm crops, and landscape horticulture will serve as a base for the practical section of this course. Students will be able to properly prepare soils, plant seeds, cultivate growing plants, and arrange flower gardens through cooperative learning with related local businesses and by doing laboratory investigation.

Forensic Science - Grades 10-12 (Elective) 2 periods per week/ ½ year

Credit: .25

1st Semester only. *This class will be offered every other year, beginning in 2012-2013.*

Astute observation and careful contemplation will be addressed, together with laboratory analysis, in this growing field of science. This will open students' minds and motivate them in the critical thinking process.

Meteorology – Grades 10-12 (Elective) – 2 periods per week/ ½ year

Credit: .25

2nd Semester only. *This class will be offered every other year, beginning in 2012-2013.*

Weather and all of its properties will be discussed and analyzed through direct observation and laboratory procedures. The effects of weather on our planet and on human events will also be discussed and shared as to the future outlook for mankind.

Applied Sciences – Grades 9-12 (Elective) – 2 periods per week

Credit: .50

This class will be offered every other year, beginning in 2011-2012.

In this class, we will explore a different branch of science each quarter and will cover a variety of scientific topics throughout the year. There will be class discussions, viewing of scientific videos, reading of current scientific articles, and research activities, as well as scientific demonstrations, laboratory activities, and construction of scientific models.

Sustainable Environmentalism– Grades 9-12 (Elective) - 2 periods per week

Credit: .50

1 period per week

Credit: .25

The Brundtland Commission in 1987 defined "sustainability" as "meeting the needs of the present generation without compromising the ability of future generations to meet their own needs." The class will look at some of the primary scientific issues behind our understanding of sustainability. Through lectures, readings, and discussions, the class will explore: biodiversity, population, food and water resources, climate change, energy, public health, and the overall forecast for the environment and the human impact for the next several decades. Students will gain a greater appreciation of how science can inform the policies and practices that will shape a more sustainable future.

FOREIGN LANGUAGE

Spanish I – Grade 9 (Required) - 5 periods per week

Credit: 1.00

Introductory oral and written activities encourage the student to begin feeling at ease and competent with Spanish pronunciation and vocabulary. Subsequent textbook, written, and oral work is designed to help students understand basic sentence structure, build vocabulary, and use these abilities for oral and written expression and comprehension. A major goal of first-year grammar is the mastery of the “present” tense in appropriate vocabulary contexts, including regular and irregular verbs, present + infinitive forms, and commands as a basis for speaking, reading, writing, and listening ability. Spanish-only partner projects and Internet-assisted activities will be emphasized to facilitate further Spanish immersion. Students also will become more familiar with Hispanic culture, practice songs, and memorize short partner-created dialogues. Magazines in Spanish will be read on a monthly basis for 6 months to reinforce familiarity with the Spanish language and as an introduction to the many different cultures that communicate in Spanish.

Spanish II – Grade 10 (Elective) - 5 periods per week

Credit: 1.00

After a review of the present tense, commands, and vocabulary, the study of the preterit and imperfect tenses will be emphasized. More advanced vocabulary, oral activities, and work on sentence structure in appropriate vocabulary contexts will help the student improve conversation, reading, writing, and listening skills. Spanish-only partner projects and Internet-assisted activities will be emphasized to facilitate further Spanish immersion. The student transitions to using his Spanish as a tool rather than solely a grammatical study, which facilitates discussions in Spanish and easily builds vocabulary. Readings include simple Bible stories, dialogues, and other short stories. Also, magazines in Spanish will be read on a monthly basis for 6 months to reinforce familiarity with the Spanish language and with the variety of cultures that communicate in Spanish.

Prerequisite: Grade of 75 or above in Spanish I

Spanish III – Grade 11 (Elective) - 5 periods per week (Weighted Course)

Credit: 1.00

After a grammar review, students continue to build their vocabulary, writing, reading, listening, and speaking abilities. Students will learn the future and conditional tenses in appropriate vocabulary contexts. Spanish-only partner projects and Internet-assisted activities will be emphasized to facilitate further Spanish immersion. Students will read stories, including a mystery novel, recognizing grammatical structures/verb tenses learned throughout the three courses. Classroom discussions and

written exams will use as much Spanish as possible. Advanced grammar includes an introduction to the structure and use of the subjunctive tense, and magazines in Spanish will be read on a monthly basis for 6 months to reinforce familiarity with the Spanish language and with the variety of cultures that communicate in Spanish.

Prerequisite: Grade of 85 or above in Spanish II

Spanish IV – Grade 12 (Elective) - 5 periods per week
(Weighted Course)

Credit: 1.00

After a grammar review, students expand their comprehension and use of the subjunctive. Only Spanish is used in the classroom. Students will continue with more in-depth readings, therefore building vocabulary and improving comprehension of verb tenses and sentence structure. Students will study the plan of salvation, including the appropriate Bible verses in Spanish. Students will discuss different issues and research and present information in Spanish. Students will continue the study of Spanish cultures with an emphasis on our neighbor to the south. Students will make lesson plans and teach introductory Spanish lessons to elementary students, grades 1-5. Magazines in Spanish will be read on a monthly basis for 6 months to reinforce learning and using Spanish as a life-long activity.

Prerequisite: Grade of 85 or above in Spanish III

PHYSICAL EDUCATION/HEALTH

Physical Education – Grades 9, 10, 12 (Required) - 1 or 2 periods/ wk.

Credit: .25 or .50

Physical education is a phase of education concerned with the developing of physical skills, acquiring sports knowledge, and encouraging sportsmanship. This class will focus on improvement of the student's fitness level in the areas of agility, strength, flexibility, and endurance. Emphasis will be on team sports, but as students advance in physical education the primary focus will be on individual sports and lifetime activities. The student will learn the rules and fundamentals of various games and will acquire skills that can be carried over into adult life.

Health – Grade 11 (Required) - 2 periods per week

Credit: .50

The first semester of this course will primarily focus on a healthy lifestyle. Topics of discussion may include fitness, nutrition, accident prevention, first aid, drug and alcohol awareness, stress management, mental health, and personal health. The second semester will include topics related to dating, marriage, family relationships, parenthood, and STI's. These topics will be intertwined with truths from God's Word.

BUSINESS COURSES

Economics – Grade 11 (Elective) - 5 periods per week

Credit: 1.00

Economics is a social science dealing with how a society deals with what it has. We explore the broad scope of economics in a market, command, and traditional setting. We focus primarily on our U.S. free market system. We learn about market structure and how that affects our lives. Taxes, inflation, supply and demand, and the stock market are just a few topics discussed. Because global economies and issues are so pertinent, we also include an overview of world economics and its impact on today's culture.

Accounting I – Grades 11, 12 (Elective) - 5 periods per week

Credit: 1.00

This course introduces the world of accounting. Two elementary accounting cycles are covered

and a basic understanding of business structure is learned.

Business/Personal Law – Grade 12 (Elective) - 5 periods per week

Credit: 1.00

This course is a comprehensive study of our judicial system and topical issues that affect our lives. Beginning with an in-depth study of ethics, the course moves on to our criminal justice system. Civil and contract law are then detailed. The second semester introduces consumer law as it relates to future planning and establishing your values in our society. Current events in the area of law will be covered regularly.

Accounting II –Grade 12 (Elective) – 5 periods per week

Credit: 1.00

Accounting II takes a more in-depth view into accounting cycles. The chart of accounts is deeply explored – learning such areas as depreciation, stock ownership and inventory methods. Business decision making and analysis are then introduced. *Prerequisite: Accounting I

FINE ARTS

Choir – Grades 9-12 (Elective) - 2 periods per week

Credit: .50

This course consists of learning vocal and performance techniques and applying them to selected songs. Choir members will perform at Grandparents' Day, the Christmas concert, Spring Creative Arts Festival, and Commencement.

Band – Grades 9-12 (Elective) - 1 period per week

Credit: .25

Students will learn to play in concert with others, how to read the rhythms of assigned pieces, how to play scales in various rhythmic patterns, and how to follow a director. The band will perform at the Christmas concert, Spring Creative Arts Festival, and Commencement.

Prerequisites: Approval of the instructor. Students who have successfully completed Method Book #1 are generally allowed to join the band.

Independent Study Music Theory – Grades 10-12 - 1 period per week

Credit: .25

This advanced music course will be tailored to the individual student's needs and talents. Each student will schedule an individual meeting with Mrs. Felty every other week to check on progress and get new assignments. Generally, each student will examine the principles of music theory as well as sight-singing, dictation, and voice leading for composition. Students will learn to analyze music and compose for a variety of instruments and voice. This course is aimed at providing a solid music theory foundation for students considering further education in music.

Art – Grade 9 (Elective) - 1 period per week

Credit: .25

This basic art course will include the study of drawing in black and white using pencil, charcoal, pen and ink. We will use color later in relationship to the basics explored in black and white. Students will be introduced to more sophisticated versions of weaving, printmaking, painting, and ceramics. Homework may be given as it relates to class study.

Art – Grade 10 (Elective) - 1 period per week

Credit: .25

Review of previous art skills learned in 9th grade Art will lay groundwork for further study of fundamentals in drawing and painting. These will relate directly to other projects such as drawing in color, special painting techniques, ceramics, etc. Homework may be given as it relates to class study.

Art – Grade 11 (Elective) - 2 periods per week

Credit: .50

Students will explore more technical uses of familiar art medias. More involved projects will be

presented, since there are now two classes per week. Homework may be given as it relates to class study. Juniors will be introduced to the pottery wheel and also work on a hand-built ceramic project. Every students needs a photo of a landscape to paint from at the beginning of the school year.

Art – Grade 12 (Elective) - 2 periods per week

Credit: .50

Art for seniors will include a major independent study of the student's choosing. Each person will be responsible to set guidelines and grading criteria for the project they are planning. Some research may be required. Seniors will also work on the pottery wheel and do hand built ceramics. Every student needs a photo (preferably a landscape) from which to paint.

Independent Study Art – Grade 12 (Elective) - 4 periods per week

Credit: 1.00

Independent Study Art is a course offered to seniors who will be majoring in Art on the college level. STUDENTS WISHING TO ENROLL IN THIS COURSE MUST DISCUSS THEIR INTEREST WITH THE ART TEACHER BEFORE THEY MAY SIGN UP FOR THE CLASS! Students are expected to plan their own projects based on their field of interest. This may involve outside research and purchase of special materials the school does not have on hand. Self initiative and persistence are a must in this class! Independent Study seniors will give a "One Man Show" at the end of the year as a retrospective of their work. These students are expected to take Senior Art Class in addition to this course. Some students may be invited into this course even though they have no plans on majoring in Art. The criteria for this will be how many years they have taken high school art and how diligent they were with their projects. Independent Study students are expected to help with musical and play sets! This always involves after school hours and some weekends. Students who plan on pursuing an art major need information from their selected schools at the beginning of the school year. This information would entail portfolio requirements.

Prerequisite: Teacher Approval

OTHER ELECTIVES

Advanced Microsoft Office Tools – Grade 9 - 2 periods per week

Credit: .50

Software: Word, Excel, Outlook, Access, PowerPoint

This course advances student word processing and spreadsheet skills. Students will build upon basic Word skills to create and enhance reports, tables, and formatted documents. Similarly, students will learn advanced skills in spreadsheet design and analysis. The Office applications of Outlook, Access and PowerPoint will be reviewed and practiced.

Basic Word, Excel and file management skills required.

Digital Design in Adobe Photoshop and Elements –Grade 10 - 2 periods per wk.

Credit: .50

Software: Adobe Photoshop, Elements

In this course students will learn skills necessary for enhancing and altering digital photographs. Projects will include merging, blending, and layering images. These skills will then be applied in the desktop publishing phase of the course. Documents will be designed to include student graphics and images. Access to a digital camera is helpful but not required. USB data key required for data transfers. Basic computer and file management skills required.

Web Authoring Skills –Grade 11 - 2 periods per week

Credit: .50

Programming language: HTML

This course focuses on the development and design of web pages using HTML. Students will design and publish internal web pages. Final project is to design and website. Basic word processing, computer and internet navigation skills required.

Introduction to Computer Programming – Grade 12 – 2 periods per week Credit: .50

Logical thinking skills and Visual Basic Programming

In this course, students will engage in logical thinking skills and algorithm design skills necessary for computer programming. Visual Basic will be the central programming language introduced in this course. Intermediate math, logic, and computer skills required.

Independent Study Computer: Grades 10-12 – 2 or 3 periods per week Credit: .50

Subjects Vary

Independent study courses can arranged with the computer teacher, but are dependent upon several scheduling criteria. Areas of study may include, but are not necessarily limited to, digital media, computer programming languages, web development, logic and systems, technology research, or shareware programs. By approval only.

Writing Laboratory – Grades 9-11 – 2 periods per week

The Writing Laboratory is a class for students who need extra help in the development of their writing skills. Students will be assisted with the writing assignments that they have received in each of their courses; they will also work from writing prompts suggested by the lab teachers.

Introduction to Yearbook – Grade 9 – 1 period per week Credit: .25

This course is required for all students who desire to be on the yearbook staff. This course is designed to teach students the business and creative skills required to be an effective yearbook staff member. The final student project is to produce an elementary school yearbook.

Yearbook – Grades 10-12 – 2 periods per week Credit: .50

In this class, students use their business and creative skills to produce the school yearbook. Students are required to spend time out of class taking photos and finishing yearbook pages. Commitment to excellence and a good work ethic are requirements for this course.

Prerequisite: Introduction to Yearbook

Shakespeare – Grades 9-12 – 1 period per week

The Shakespeare class is an enrichment class celebrating the works of the greatest English writer. We will read and discuss tragedies, comedies, and several sonnets. The culminating activity for the Shakespeare class will be a performance of several scenes for invited guests.

Girls' Sister Circle – Grades 9-12 – 1 period per week

In this group, we will be discussing different topics facing high school young ladies, focusing on God's perspective. Our goal is to be a close-knit group that fosters sharing, trust, and growing in God.

Chess/Strategy Game Club – Grades 9-12 - 1 period per week

Students will learn how to use basic game strategy through learning about and participating in strategic games such as Chess, Risk, etc. Students will practice against each other in preparation for a club tournament.

AP Calculus Exam Preparation Club – Grade 12 – 1 period per week

Although it is not mandatory that calculus students join this club, it is strongly

recommended. Depending upon the number of days lost due to inclement weather, this may be the only time available to prepare for the AP Calculus Examination. For the first several months, the students will be given additional examples of the concepts taught in class and time will be provided to answer questions about problems assigned as homework. (Normally, time is not spent in class reviewing homework exercises.) During the second semester, club time will be spent practicing for the AP exam. Students joining this club will be significantly better prepared for the exam than those relying only on work done in calculus class. This club is offered only to those students taking AP Calculus.

Photography – Grades 9-12 – 1 period per week

Credit: .25

This class will be offered every other year, beginning in 2012-2013.

Students will be taken through many aspects of photography including composition, camera usage, color, advertising, lighting, weighting, event management, and display. Students must have a camera (preferably digital).

Mentoring Leadership – Grades 9-12 – 1 period per week

This club will be a time for upperclassmen to befriend and mentor a middle school student or students of the same gender. Each week, there will be time to build relationships based on social and spiritual interaction.

Sports Management – Grades 9-12 – 1 period per week

Using FIFA Soccer's manager mode on Xbox 360, each player will take an English Premier League team and manage it through a season. Decisions on player contracts, budgeting, hiring of personnel, marketing, and the team roster are included in this rather in-depth aspect of the game. The managers will **not** be playing any games, but only participating through managerial decisions.

Media and Culture – Grades 11, 12 – 1 period per week

Credit: .25

Media and Culture will examine the changes in our culture over the past five decades. We will primarily be examining this through the media of film. Films will be viewed which will depict the social and moral issues of the 1950's through the early 2000's.

Open Campus Option - Grade 12 Only - Up to 5 Days per week (2 Back to Back Periods per day)

Credit: 1.00

Senior students who are in good academic, attendance, and disciplinary standing may apply through the Secondary Principal for the privilege to participate in a unique Open Campus program. This Open Campus program is designed to serve as a means to explore student interest in professional fields and provide opportunity to take advanced college credits at approved colleges and universities as well as technical schools in the area. Please go to www.lititzchristian.net to download detailed information and fill out an application. *All applications must be returned to the Secondary Principal no later than May 21.*

Project Development and Maintenance Club - Grade 9-12 – 1 or more periods per week

Students who desire to use hands on skill will enjoy this club with a mission to teach the principles of project development and maintenance. The club will focus on integration of the Christian mission of stewardship through facility and project service to the church and school communities.

Project Management - Grade 10 - 5 periods per week

Credit: 1.00

This course is designed to work in conjunction with the Facilities Management crew of Grace

Ministries to create opportunities for students to learn the art and science of project development and management. Students will gain practical skills to help them design projects and see them through to completion. This class is perfect for those who desire to go on to technical careers after high school. Students who perform well in this course will be recommended for the Advanced course taken in 11th grade.

Advanced Project Management - Grade 11 - 5 periods per week

Credit: 1.00

This advanced course may only be taken by Juniors who have been recommended into the course by the Secondary Principal. Students will learn to think like managers in this course as they design projects and execute strategies that complete those projects efficiently and safely. Advanced students work side by side with professionals to execute projects requiring the use of skills and tools only available through this course. *Parental Permission is Required.*

Prerequisite: Principal approval

Strat-O-Matic Baseball Club – Grades 9-12 – 1 period per week

Strat-O-Matic Baseball is a card-and-dice simulation of major league baseball. The players in the game will perform with the same skills as their real-life counterparts. The club is open to both boys and girls. Those joining the club should have an interest in major league baseball and be familiar with some of the players. Knowledge about baseball strategy would help you to manage your team to a winning season. In this club, you will pick and manage your own team. You will be taught how to play the game and will play games against teams managed by other club members. It is important to note that you do not have to know how to play Strat-O-Matic Baseball in order to join the club—you will be taught how to play the game. Persons interested in learning more about the club can visit the game company's web site. <http://www.strat-o-matic.com/products/baseball>
Class size is limited.