



2011-12 Course Description Catalog

English Department

6th Grade English

This class encompasses the areas of grammar, composition, vocabulary, reading, and literature. Fifth grade grammar is reinforced with an emphasis on mastering the eight parts of speech. Writing skills development focuses both creatively and analytically on paragraph, essay, and research writing. Literature appreciation emphasizes both reading comprehension and critical thinking skills. The Accelerated Reading program enhances the literature program and vocabulary supports the reading comprehension skill development.

7th Grade English

This class encompasses the areas of grammar, composition, vocabulary, reading, and literature. More complex grammar skills are introduced while those from previous years are mastered. Writing skills development focuses both creatively and analytically on paragraph, essay, and research writing. Literature appreciation emphasizes both reading comprehension and critical thinking skills. The Accelerated Reading program enhances the literature program and vocabulary supports the reading comprehension skill development.

8th Grade English

This class encompasses the areas of grammar, composition, vocabulary, reading, and literature. Students will solidify basic knowledge related to the eight parts of speech as well as building and exploring higher level grammar skills. Students will increase their understanding of different genres of literature and enlarge their use of new vocabulary words. Students will employ the writing process while utilizing various modes of writing to include: descriptive, narrative, expository, and persuasive. In addition, students will incorporate standardized research writing, responsive listening, viewing, and speaking for a variety of purposes. The Accelerated Reading program enhances the literature program and vocabulary supports the reading comprehension skill development.

English I and English I Honors

9th Grade

Two Semester Course Credit: 1.0

Students will explore a variety of literature genres, with class and personal reading a core component. Students will consistently have a number of vocabulary words to learn, and they will be encouraged to demonstrate proper use of these words in their structured and creative compositions. Grammar skills are emphasized, as well. Students in the honors section are challenged to develop their full potential through additional assignments and are held to a higher level of accountability in participation and grading. They are expected to be organized, motivated, creative, and academically sound in this field of study.

English II and English II Honors

10th Grade

Two Semester Course Credit: 1.0

This course is intended to expose students to a variety of literature genres within the realm of American Literature. Students continue with building an extensive vocabulary base, through spelling words, structured compositions, and grammar skills. They will complete a research project. Students in the honors section are challenged to develop their full potential through additional assignments and are held to a higher level of accountability in participation and grading. They are expected to be organized, motivated, creative, and academically sound in this field of study.

English III and English III Honors

11th Grade

Two Semester Course Credit: 1.0

As students enter a pivotal year for SAT and ACT testing, this course is intended to expose students to advanced, timed writing skills and reflective critical essays. Students read a variety of works within the realm of British Literature and are taught analysis strategies. Vocabulary builds to include challenging words, and advanced grammar skills are employed. Students in the honors section are challenged to develop their full potential through additional assignments and are held to a higher level of accountability in participation and grading. They are expected to be organized, motivated, creative, and academically sound in this field of study.

English IV and English IV Honors

12th Grade

Two Semester Course Credit: 1.0

As students prepare for post secondary education, this course exposes students to a variety of literature genres within the realm of World Literature and intensive essay writing. Students demonstrate the foundational skills necessary at this level by constructing a research paper. Advanced vocabulary, cohesive thematic text, and correct grammar skills are expectations students meet through this project. Students in the honors section are challenged to develop their full potential through additional assignments and are held to a higher level of accountability in participation and grading. They are expected to be organized, motivated, creative, and academically sound in this field of study.

Advanced Placement Literature and Composition

12th Grade

Two Semester Course Credit: 1.0

This class is taught as an introductory college English course, and the workload is typical of such.. Students applying for inclusion in this course have successfully completed English III Honors and are entering their senior year. They must have excellent research and writing skills. The ability to work independently is expected, with

emphasis given to reading analysis. At the culmination of the year, students will take the AP English Literature and Composition Exam given nationally in May. A grade of four or five on this exam is considered equivalent to a 3.3-4.0 for comparable courses at a college level. A student who earns a grade of three or above on the exam will be granted college credit at most colleges and universities throughout the United States. Moderate summer course work is expected.

Math Department

6th Grade

Mathematics 6 is a course designed to prepare the student for 7th grade math and pre-algebra. The students will learn operations with whole numbers, positive and negative integers, decimals, and fractions. Concepts on ratios, proportions and percents will be extended. Foundational topics of geometry, measurement, algebra, & scale and graph readings will also be introduced. Activities to challenge the student will include drills, contests, group activities and online tools along with Biblical principles taught in the Bible dealing with numbers.

7th Grade

Seventh grade math is a course designed to review, teach and prepare students for pre-algebra. The beginning of the course thoroughly reviews the math skills learned in the previous year such as operations on different types of numbers, which builds up into pre-algebra concepts such as percents, exponents, variables, equations, inequalities, and introductory geometry and graphing. Biblical principals are taught alongside the study of numbers.

Pre-Algebra

Prerequisite: 7th grade math or recommendation from 6th grade math. The students will explore the language of algebra, geometry, and other areas of mathematics in verbal, tabular, graphical, and symbolic form. Problem solving activities and applications encourage students to model patterns and relationships with variables and functions and to draw, measure, and classify geometric figures and their transformations.

Algebra 1

8th or 9th Grade

Two Semester Course Credit: 1.0

Prerequisite: pre-algebra. The purpose of this course is to examine the basics of algebra in verbal, graphical, and symbolic forms. The emphasis of the class is focused on linear expressions, equations, and functions including vocabulary, problem solving skills, real-world application, and inductive and deductive reasoning. Projects and written assessments are also used to elaborate on classroom instruction. An

introduction is given to quadratic expressions and equations, radical expressions, and trigonometry to scaffold each student in preparation for geometry.

Algebra 1 Honors

8th or 9th Grade

Two Semester Course Credit: 1.0

Prerequisite: A in pre-algebra and teacher recommendation. The purpose of this course is to examine the basics of algebra in verbal, graphical, and symbolic forms. The emphasis of the class is focused on linear expressions, equations, and functions including vocabulary, problem solving skills, real-world application, and inductive and deductive reasoning. Projects and written assessments are also used to elaborate on classroom instruction. An introduction is given to quadratic expressions and equations, radical expressions, and trigonometry to scaffold each student in preparation for geometry. The honors course takes a deeper look into the foundation of algebra including rational expressions, geometric sequences, and preparation for geometric proofs.

Algebra 1B

8th or 9th Grade

Two Semester Course Credit: 1.0

Prerequisite: recommendation for intervention after algebra 1. The students will explore the language of algebra in verbal, tabular, graphical, and symbolic forms. They will work on problem-solving activities and applications to encourage them to model and learn about patterns and relationships with variables and functions. The most important concept the students will learn is how to work with variables in a variety of different expressions, equations, and functions. Data analysis and probability will be explored as well. They will be able to translate the content into real world problems and solve these problems using the methods and techniques of algebra.

Geometry

9th or 10th Grade

Two Semester Course Credit: 1.0

Prerequisite: Algebra 1 or Algebra 1 and 1B. The purpose of this course is to emphasize critical thinking involving the discovery of relationships and their proofs and skill in applying the deductive method to mathematical situations. Topics include, but are not limited to: logic and reasoning, the study of Euclidean geometry of lines, planes, angles, triangles, similarity, congruence, geometrical inequalities, polygons and circles, area and volume, and constructions.

Geometry Honors

9th or 10th Grade

Two Semester Course Credit: 1.0

Prerequisite: A in Algebra 1 or A (high B) in honors Algebra 1, and teacher recommendation. This honors version of geometry covers the same topics as the regular level class, though at times with more depth. Additional sections may be taught, and some basic sections may be disregarded. A project is assigned each marking period.

Algebra 2

10th or 11th Grade

Two Semester Course Credit: 1.0

Prerequisite: Algebra 1 and Geometry. The purpose of this course is to build on the mathematical foundation laid in algebra 1 and geometry by examining the aspects of higher degree polynomial expressions, equations and functions. Graphing calculators are used to encourage a higher level of visual learning and comprehension. A deeper look into rational functions and radical expressions is given along with an introduction to logarithmic and exponential functions. Geometric application is utilized in conic sections and their systems of equations.

Algebra 2 Honors

10th or 11th Grade

Two Semester Course Credit: 1.0

Prerequisite: A's in regular Algebra 1 and Geometry, or A (high B) in honors level, and teacher recommendation. The purpose of this course is to build on the mathematical foundation laid in algebra 1 and geometry by examining the aspects of higher degree polynomial expressions, equations and functions. Graphing calculators are used to encourage a higher level of visual learning and comprehension. A deeper look into rational functions and radical expressions is given along with an introduction to logarithmic and exponential functions. Geometric application is utilized in conic sections and their systems of equations. The honors course also includes and examination of matrices and their applications and a deeper look into higher degree polynomials and conic sections. A paper on each student's opinion on the need for quantitative literacy is also included.

Consumer Math

11th or 12th Grade

Two Semester Course Credit: 1.0

Prerequisite: Geometry. The purpose of this course is to relate math skills to real world applications. The lessons are designed to allow the practice of computational skills in a variety of business and consumer problems. Basic math skills are reviewed with a focus on mathematical situations that the student will encounter daily in both the business world and their private life. Topics include managing your money and expenses, making personal financial decisions and business decisions, and managing business finances.

Real world examples are constantly used to reinforce the relevance of the material presented.

PreCalculus Honors

11th or 12th Grade

One Semester Course Credit: .5

Prerequisite: A or B in Algebra 2. This course contains a review of concepts from algebra 2 with a focus on preparing students for a formal calculus course. Topics include functions such as linear and higher degree polynomials, rational, exponential, and logarithmic; systems of equations; matrices; sequences, series, and probability; conic sections; parametric equations and polar coordinates. Applications of these concepts are throughout the course and technology is an important resource with an emphasis on students improving their critical thinking skills.

Trigonometry Honors

11th or 12th Grade

One Semester Course Credit: .5

Prerequisite: A or B in Algebra 2. This course is a study of trigonometry with emphasis on circular functions. Topics include: trigonometric and circular functions, inverse trigonometric functions, identities, equations, solution of triangles, complex numbers, vectors, parametric equations, polar coordinates and applications. The course ends with introductory calculus concepts such as limits, derivatives and anti-derivatives. Applications of these concepts are throughout the course and technology is an important resource with an emphasis on students improving their critical thinking skills.

Advanced Placement (AP) Calculus

12th Grade

Two Semester Course Credit: 1.0

Prerequisites: Trigonometry and Pre-calculus. This is an introductory calculus course. The topics include limits and continuity, the derivative of algebraic, trigonometric, logarithmic and exponential functions, implicit differentiation, applications of the derivative, differentials, indefinite and definite integrals, and applications of exponential functions.

Science Department

6th Grade General Science

Science 6 is a course designed to introduce the middle school student to the relationship of science and technology, earth's movements and processes, cellular structure and processes, and basic chemistry. The teacher will combine the use of texts, labs, games, notes, instructional media, and field trips with the Christian principles taught in the Bible. By the end of the course students will be able to identify major concepts and terms related to each individual discipline.

7th Grade Life Science

Life Science is a course designed to review basic cellular processes, introduce the diversity of living things, and human biology. Students will learn how to investigate and report on all areas of life science. They will see God's design and purpose in life from the cellular level to the most complex of organisms. Students will learn all the major systems of the human body, and God's design and function in each system.

8th Grade Space and Earth Science

Space and Earth Science is a course designed to introduce students to the celestial sphere, atmosphere, weather patterns, lithosphere, and hydrosphere. By the end of the course students will be able to identify the four elements that make up the earth, understand the nine limitations of science, be able to label objects or the study of certain topics by category, and be able to debate why Christians believe Creation verses Evolution using the Bible and Science.

Conceptual Integrated Science

9th Grade

Two Semester Course Credit: 1.0

This course is designed to develop the student's knowledge of different Sciences that they will be studying throughout High School. The course will cover Earth/Space Science, Marine Biology, Biology, Human Anatomy, Ecology, Physics, and Chemistry while studying the differences between the Creation and Evolutionary Theories.

Conceptual Integrated Science Honors

9th Grade

Two Semester Course Credit: 1.0

This course is designed to develop the student's knowledge of different Sciences that they will be studying throughout High School. The course will cover Earth/Space Science, Marine Biology, Biology, Human Anatomy, Ecology, Physics, and Chemistry while studying the differences between the Creation and Evolutionary Theories. This honors course is designed for the self motivated, organized, creative, academically sound student. Students should have a serious attitude toward academic standards. High expectations and additional critical thinking assignments/projects are included.

Biology9th or 10th Grade

Two Semester Course Credit: 1.0

This course is an introduction to the concepts underlying the structure and function of living organisms. The organization, chemical foundations, metabolism, genetics, creation, evolution, ecosystems, and interdependence of living organisms are explored. Laboratory activities emphasize the scientific method in exploring these topics. The course is taught from a Biblical world view as we explore the Word of God and developing scientific theories.

Biology Honors9th or 10th Grade

Two Semester Course Credit: 1.0

This course is an introduction to the concepts underlying the structure and function of living organisms. The organization, chemical foundations, metabolism, genetics, creation, evolution, ecosystems, and interdependence of living organisms are explored. In depth laboratory activities emphasize the scientific method in exploring these topics. The course is taught from a Biblical world view as we explore the Word of God and developing scientific theories. This honors course is designed for the self motivated, organized, creative, academically sound student. Students should have a serious attitude toward academic standards. High expectations and additional critical thinking assignments/projects are included.

Chemistry10th or 11th Grade

Two Semester Course Credit: 1.0

Prerequisites: Biology and Algebra I. Chemistry is a course designed to expose the student to matter and how it behaves. Quantitative and qualitative analysis will be used as students demonstrate a safe and effective use of chemistry equipment. Topics include states of matter, atomic structure, periodic table, bonding, nomenclature, chemical reactions, chemical equations, quantitative relationships, gases, stoichiometry, oxidation, reduction and branches of chemistry.

Chemistry Honors10th or 11th Grade

Two Semester Course Credit: 1.0

Prerequisites: Biology and Algebra I. Chemistry is a course designed to enable the students to use the scientific method to solve problems, to employ metric measurements and to demonstrate safe and effective use of laboratory instruments. Topics include states of matter, atomic structure, periodic table, bonding, nomenclature, chemical reactions, chemical equations, quantitative relationships, gases, stoichiometry, oxidation, reduction and branches in chemistry. This honors course is designed for the self motivated, organized, creative, academically sound student. Students should have a serious attitude toward academic standards. High expectations and additional critical thinking assignments/projects are included.

Marine Biology

11th or 12th Grade

Two Semester Course Credit: 1.0

Prerequisite: Biology. The major emphasis of this course focuses on the biodiversity and classification of organisms in the marine environment, including the characteristics of each animal group. Discussion of major habitats in the marine environment will include physical characteristics of the environment and the unique symbiotic, physiological, ecological and behavioral adaptations of each organism to those specific marine habitats.

Human Anatomy and Physiology

11th or 12th Grade

Two Semester Course Credit: 1.0

Prerequisite: Biology. This course emphasizes the importance of maintaining proper care of our bodies through nutrition and exercise. The course will cover each of the major body systems and explain how the systems interact and benefit from each other while working together to keep us functioning properly for everyday life.

Physics Honors

11th or 12th Grade

Two Semester Course Credit: 1.0

Prerequisites: Chemistry and Algebra II. This algebra based physics course focuses on the basics of one and two dimensional motion, how forces and torque influence motion, the relationship between work, energy, momentum and collisions, rotational motion, fluid mechanics, heat and thermodynamics, and wave phenomena and sound. As an honors class, the material is introduced at a rapid pace, and the students are expected

to do more critical thinking and assessment. All student performance objectives are presented and evaluated through the Christian perspective.

Advanced Placement Biology

11th or 12th Grade

Two Semester Course Credit: 1.0

Prerequisites: Biology Honors and Chemistry Honors. The Advanced Placement Biology is a rigorous course designed to be the equivalent of a two-semester first year college Biology course. It follows the standards and expectations as described in the College Board AP Biology Course Description and covers all of the topics and themes outlined therein. This is a laboratory course, and students are expected to use data to analyze and solve biological problems. The course is divided into three general areas: Molecules and Cells, Heredity and Evolution, and Organisms and Populations, with further divisions into topics and concepts related to these.

Social Studies Department

North American History

6th Grade

This course introduces students to the history and cultures of North American countries. Important events of each country, as well as the history, cultures and primary founding figures of each are examined.

Geography

7th grade

This course focuses both on physical and human geography, enlightening students of the physical features of the earth, as well as world cultures. A special focus is given to various countries, religions, demographics, cultures and economies. The need for Christ around the world and missions is emphasized.

American History (Middle School)

8th grade

Middle School American History focuses on the founding of America to present day. The Biblical foundation of our country is emphasized while students study the problems and controversies unique to the United States. Character studies and Government issues are also explored.

World History

9th Grade

Two Semester Course Credit: 1.0

Early civilizations of the Middle East up to the present day are studied. Students will gain an understanding of older civilizations by examining the past, to prepare for their future as members of a global community. They use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings.

World History Honors

9th Grade

Two Semester Course Credit: 1.0

Ancient civilizations of the Middle East up to present day are studied. Students gain an understanding of the past civilizations, and with that knowledge, begin to form opinions and solutions to meet the circumstances of the day. They will use information pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings. The work is more challenging through discussion groups and intensive writing assignments and projects.

American History

10th Grade

Two Semester Course Credit: 1.0

Students study the scope of American development through the framework of political, religious, cultural, economic, and military changes. Special attention is accorded the events of the last century as the United States has become a major player in the course of world events.

American History Honors

10th Grade

Two Semester Course Credit: 1.0

Students will examine the course of American development through the framework of political, religious, cultural, economic, and military changes. Special aspects of this course involve the use of important American documents, written perspectives of various events, and other projects involving personal insights.

American Government

11th Grade

One Semester Course Credit: .5

Events that led to the nation's unique founding are analyzed, as well as the democratic style of government that resulted. An overview of the spiritual heritage, coupled with the

formation of our nation's greatest documents, give perspective to the exceptional development of our system of rule.

Economics

11th Grade

One Semester Course Credit: .5

The purpose of this course is to survey the fundamentals of the science of Economics, including the movement of goods and services throughout domestic and international markets and its effect on individual, business, and governmental decisions of choice. Students learn to analyze charts, maps, and statistical tables to understand economic attitudes, as well as interpret stock market reports.

World Cultural Geography

12th Grade

Two Semester Course Credit: 1.0

Emphasis in this course is given to three main areas: physical, political and cultural geography of the world. Students are made aware of the diverse areas of the world and the cultures of each, in light of today's international happenings. Students learn the ways in which they are globally interconnected to others, and they will develop an understanding of the geographic and cultural reasons for events happening in the world that affect their lives.

Advanced Placement Human Geography

11th or 12th Grade

Two Semester Course Credit: 1.0

Students are introduced to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Reading for comprehension and independent text analysis are foundational to success in this college-level course. Students are given a plethora of opportunities to practice Free Response questions, reinforce essay writing skills, and use maps and spatial data for understanding. They are exposed to evaluation methods including key term defining in context, world projects, class discussion quizzes, key issue sectional quizzes, and chapter multiple-choice and CRQ tests.

Bible Department

Bible 6

The focus of this class is on building a foundation to understand the Bible. Students are challenged to implement it into their lives, as a standard for daily living. Salvation

through faith in Jesus Christ is at the core of this foundation. The students learn to apply Biblical principals such Bible Study, Learning to Pray, Finding God's Will for Your Life, and The Holy Spirit. Bible memory and Bible reading are also important parts of daily class time.

Bible 7

This course is designed to enhance spiritual growth in the life of the middle school student by introducing the Word of God in the Old Testament. Taught as the story of God and his people, students will be able to understand who they are, where they come from, and what their lives are all about. This story begins with creation, the conflict of the fall into sin, and how God acted to save and restore his people to a right relationship with him and the world they inhabit.

Bible 8

This class is practical in design with New Testament survey of the Gospels and Early Church Age being the main focus. A study of the Pauline Epistles and Proverbs offer insight for life skills application. Daily quizzes, trivia games, lecture, Bible reading, memory verse work, daily journaling and open question & answer time encompass the various methods used to reinforce the coursework.

Bible 9

9th Grade

Two Semester Course Credit: 1.0

The New Testament is explored, focusing on the Life of Christ, Acts, Hebrews, and the Letters of Paul. The first quarter is designed to help students relate to the culture of Bible times in order to close the gap between first century people and the 21st century. The second quarter is an in-depth study of the gospel of John focusing on the Life of Christ while supplementing Matthew, Mark and Luke to fill in the missing gaps of the ministry of Jesus. The third quarter surveys the transition into the Church age with the book of Acts while learning the life of the disciples. In the fourth quarter, students will follow Paul through his journeys and learn the issues the 1st century Church faced, while making it relevant to modern day.

Bible 10

10th Grade

Two Semester Course Credit: 1.0

The students will engage in a study of the Book of Romans, the Book of Jonah, the Book of Judges, and an Old Testament study on the kingdom period of Israel. Through these studies, the students will gain a better understanding on the historical, doctrinal,

and life application of God's Word. Students are encouraged to strengthen their faith in such a way that will bring praise, glory, and honor to the Lord Jesus Christ.

Bible 11

11th Grade

Two Semester Course Credit: 1.0

Students are challenged to a more in-depth study of the scriptures. The major Bible doctrines are introduced in a systematic method (Theology, End Times, Angelology, and Bibliology) in order to build a foundation as to what authenticates our beliefs. A close study of the book of Genesis will give the student a better understanding as to the purpose of God's creation. The book of Revelation is studied to reveal God's final revelation from His Word. Using Song of Solomon and Ecclesiastes, Godly relationships are studied, as well as how to deal with life's problems from a Biblical worldview.

Bible Elective

9th – 12th Grades

Two Semester Course Credit: 1.0

A study of Judaism will enlighten students of the culture and customs of the Jewish community while learning their modern day practices and how it relates to early Jewish history. Students will learn to study the Bible using Hermeneutics in order to find the historical, culture, and language of Bible times. Students will put into practice these methods using various books of the Bible. Students will also do an Old Testament Survey to gap the time table between Old and New. Students will also be challenged using Psalms and Proverbs to help find solutions to everyday life.

Bible 12

12th Grade

Two Semester Course Credit: 1.0

Seniors take an in-depth look at the Synoptic Gospels, studying the parables of Christ and the Non-Pauline Epistles. The second half focuses on Worldviews and World Religions. Through this study they will gain the knowledge needed to give an account for their belief system and relate to those of diverse religions who need Christ. As they develop a solid Christian Worldview of their own, the goal is that they lead a successful and fulfilled Christian life.

Spanish I

9th or 10th Grade

Two Semester Course Credit: 1.0

This course employs the Total Physical Response Storytelling (TPRS) method to teach students to read, write, comprehend and speak Spanish at an elementary level using the present tense. Students learn core vocabulary using physical gestures and flashcards. The instructor tells stories using this core vocabulary as students act out the stories and answer questions posed by the teacher. Then students write out the stories from memory, or translate stories from Spanish to English. Grammar is explained as needed, but is not emphasized. Scripture is memorized quarterly.

Spanish II

10th or 11th Grade

Two Semester Course Credit: 1.0

Prerequisite: Spanish I. This course continues the Total Physical Response Storytelling (TPRS) method to enhance students' speaking, comprehension, reading, and writing skills in Spanish. Students learn more high-frequency vocabulary and are encouraged to speak Spanish for everyday conversation in class. Grammar is explained more fully, but again is not emphasized. Students are able to construct grammatically correct sentences and are introduced to past tenses. Scripture is memorized quarterly.

Spanish III

11th or 12th Grade

Two Semester Course Credit: 1.0

Prerequisite: Spanish I and II. This course continues the Total Physical Response Storytelling (TPRS) method used in the prerequisite classes. Students learn more vocabulary and phrases, and students are taught grammar concepts and verb tenses. Students are encouraged to speak in Spanish to discuss everyday activities and current events. Quarterly projects expose students to Hispanic culture around the world.

Technology and Media Department

Business Systems Technology I

9th – 12th Grades

One Semester Course Credit: .5

This course offers an introduction to Microsoft Windows 2007, Microsoft Office Word 2007 and Microsoft Excel 2007. Students are exposed to practical examples of the

computer as a useful tool in the work environment. Students will be taught the proper procedures for creating and modifying documents and worksheets. Real world examples are used to reinforce the relevance of the material presented.

Business System Technology II

9th – 12th Grades

One Semester Course Credit: .5

Prerequisite: Business System Technology I. This course introduces students to business presentations. Utilizing Microsoft Windows 2007 and Microsoft PowerPoint 2007, students will be exposed to the entire business presentation cycle – from presentation conception to the actual delivery of their presentation. Students will be expected to utilize and incorporate the information and procedures learned in Business Systems Technology I into their PowerPoint presentations. They will be taught and coached basic speech principles in order to better equip them in delivering their PowerPoint presentations.

Computer (Middle School)

6th – 8th Grades

This course teaches students mastery of keyboarding skills. Students will utilize a standard keyboard and a computer typing program (Micro Type Pro 5). Emphasis will be placed on learning the alphabetic keys, number keys, and special characters. Reinforcement of learned skills will be assessed through the evaluation of typed text.

Media

9th – 12th Grades

One Semester Course Credit: .5

This course is designed to introduce students to production of electronic media. Specifically the student will learn video and audio recording, video postproduction with Final Cut Studio, and the skills necessary for production of a live news broadcast. Students will be involved in pre production, script, set, lighting, microphone, camera, camera support, directing, computer graphics, audio, music, switcher, recording, post production, editing, DVD authoring, duplication, packaging and web application. Students will also learn legal requirements and copyright law.

Web Design

9th – 12th Grades

One Semester Course Credit: .5

This is a basic introduction to web design using HTML and CSS. Students will learn basic functions of web page design and interactivity. They will have hands-on HTML coding and WYSIWYG interface.

Media Center Facilities for Student Use

The Middle/High School Media Center provides students with the following: computer stations, print and audio visual materials, classroom and individual areas for research, and reading material for study and personal development. The national average of circulating materials for middle and high school students is matched and exceeded in the IRCS Media Center. Four data bases for student research are provided for on site and home access. These are Britannica Online for all areas of curriculum support and three science data bases providing research and study materials for all science, P.E. & Health, math and history courses. These are Facts on File: Science Online, Today's Science, and Health Reference Center. As part of the English curriculum many volumes for Accelerated Reading selection are available in the Media Center collection. More information about the Accelerated Reading program and database access can be found on the school website.

The Arts and Fine Arts Department

6th Grade Art

This course offers students an introduction to a variety of art materials. Students will explore drawing, watercolor, acrylic painting, mixed media, and ceramic sculpture. Students will have an opportunity to participate in various art exhibitions. Students may choose to take this course for one or two semesters.

Middle School Art

6th – 8th Grades

Students will explore the elements and principles of art using a variety of mediums. Students will learn how the visual arts impact our everyday lives, and they will develop an awareness of different cultural and historical periods. Students will learn how God created the desire to be creative in each of us and how His handiwork is woven through every area of art.

High School Art

9th – 12th Grades

One Semester Course Credit: .5

This course continues the exploration of art in both two dimensional and three dimensional mediums. Students will learn the elements and principles of art while communicating their personal ideas through assigned projects. Students will integrate a Christian world view through their art. Students will have the opportunity to participate in art exhibitions and field trips throughout the semester.

Intermediate Band (Middle School)

6th – 8th Grades

Students will build on musical concepts laid as a foundation in Beginning Band while increasing competency on a chosen instrument over the period of a school year. Students will continue to learn the importance of individual competency within the framework of a group working together to achieve maximum quality. Students will be performing more challenging music while growing in abilities through performance assessments, field trips to professional performances, and other out of classroom experiences. This is a full year course. Prerequisites: basic ability to play an instrument.

Concert Band (High School)

9th – 12th Grades

One Semester Course Credit: .5

Students will continue to build on past experience from instrumental instruction and refine their abilities by performing even more challenging music in concerts, assessments, competitions, field trips and solo and small ensemble events. Students are exposed to many styles and genres of music in order to enhance their understanding of and ability to play music. Prerequisites: Two years or comparable experience on an instrument. (Special arrangements can be made for new players)

Regiment

9th – 12th Grades

One Semester Course Credit: .5

Students learn to combine the creativity and expression of music with the physical demands of marching. This marching ensemble rehearses after school and performs at all home football games, some away games, and several marching competitions throughout the fall. Students are shown how to handle the multiple responsibilities required for a total musical production. This activity also utilizes a color guard which can be non-instrumentalists, who perform through dance and equipment (flag, rifle, and saber) to enhance the total production. Prerequisite: None

Middle School Choir

6th – 8th Grades

This elective course is available to 6th - 8th students interested in exploring the basic elements of choral singing. Students are encouraged to enjoy singing and use their God given abilities to glorify him while learning within a choral rehearsal setting. Evaluation is based on student participation in all performances and special events as set on the choir calendar throughout the school year.

High School Choir

9th – 12th Grades

Two Semester Course Credit: 1.0

This elective is available to 9th -12th grade students desiring to excel vocally in a rehearsal setting while bringing praise to God using our talents and abilities for Him. Student performances are required throughout the school year as well as participation in the Florida Vocal Association and Association of Christian Schools International choral festivals.

Piano Lab

9th – 12th Grades

One Semester Course Credit: .5

This elective is offered to high school students desiring to develop their piano skill at a beginning level or for students desiring to independently work at a more advanced skill level. Students are evaluated by their weekly progress. Piano lab may be selected each semester.

Physical Education Department

Personal Fitness

9th – 12th Grades

One Semester Course Credit: .5

The goal of Personal fitness is to equip the students with the knowledge and skills of participating in cardio endurance, muscular strength and flexibility activities. The main focus is to incorporate a healthy lifestyle with Godly concepts.

Health

9th – 12th Grades

One Semester Course Credit: .5

This course is designed to challenge each student to understand the importance of living a healthy lifestyle. Students will survey the components of living a well-balanced life spiritually, physically, mentally, emotionally and socially. Current views will be

examined and compared to the Christian world view as is taught in the Bible. The students will be able to analyze and improve their health in these areas and learn the importance of being involved in helping the community to achieve total health.

Weight Training

9th – 12th Grades

One Semester Course Credit: .5

The students will develop their strength index and gain an understanding of the physiological principles which are incorporated in a weight training program.

Physical Education

6th – 8th Grades

Middle school students will apply movement, concepts, and principles to the learning and development of motor skills. Students will understand that regular participation in physical activity provides a component of personal fitness and wellness.

Other Electives

Driver's Education

9th – 12th Grades

One Semester Course Credit: .5

Students are introduced to and develop an understanding of Florida traffic laws. They will be able to relate traffic safety rules, regulations, and penalties to driver responsibility. Students must be 15 years old to participate.

SAT/ACT Prep

11th Grade

One Semester Course Credit: .5

This course is designed to strengthen the students' test-taking skills in an effort to enhance SAT and ACT test scores. Students practice thinking strategies, become thoroughly familiar with the structure of standardized exams, as well as build vocabulary and reasoning skills.

Drama

6th – 8th Grades

This interactive course focuses on the fundamentals of acting, with an emphasis on the

development of imagination, improvisation, and the ability to perform on stage. Students will perform during Chapel, at times.

Yearbook

9th – 12th Grades

Two Semester Course Credit: 1.0

This course is an introduction to publication. Students will learn the rules for layout, design, and copy. Through the use of Adobe Page-Maker and Adobe Photo Shop, they will put these rules to use in the articles, stories, and layouts they will create. The goal is to produce a quality yearbook with a theme befitting a Christian school.