



10850 Old Saint Augustine Road
Jacksonville, Florida 32257

HIGH SCHOOL

SCHEDULING GUIDE AND COURSE DESCRIPTIONS

2008 – 2009

Accredited by FCIS and ACSI

www.mandarinchristianschool.com

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STATEMENT OF PURPOSE

Mandarin Christian School, a ministry of Christ's Church, was established in 1995 to respond to the needs of its membership and the Southside community for a Christian school that would provide a quality academic education in a nurturing Christian environment.

The school is committed to providing a curriculum that is two-fold in nature. First, it strives to provide students with a working knowledge of God's Word, an understanding of God's unconditional love for every child, and the hope of eternal salvation through having a personal relationship with Jesus Christ. Secondly, it is our intent to provide both a challenging and stimulating academic curriculum that encourages a natural curiosity for learning that will prepare our students to be independent thinkers, successful and productive citizens and leaders in the 21st century.

MCS is committed to its academic curriculum being aligned with and faithful to God's inspired Word, the Bible. The curriculum is to be congruent with the Statement of Belief published by Christ's Church.

A comprehensive, well-balanced educational program is offered that meets the needs of academically and behaviorally qualified students.

Graduation Requirements:

College Preparatory Program

- ◆ 4 Bible
- ◆ 4 English
- ◆ 4 Math**
- ◆ 4 Science**
- ◆ 3 Social Studies
- ◆ 2 Foreign Language
- ◆ .5 Personal Fitness
- ◆ .5 Health
- ◆ .5 Physical Education
- ◆ .5 Speech
- ◆ 1 Fine Arts
- ◆ 1 Technology
- ◆ 3 Electives

28 Total Credits

**Students enrolled in High School prior to the 2006-2007 school year only need 3 Math and 3 Science credits to graduate.

Distinguished Achievements Program

- ◆ 4 Bible
- ◆ 4 English
- ◆ 4 Math
- ◆ 4 Science
- ◆ 3 Social Studies
- ◆ 3 Foreign Language**
- ◆ 75 Community Service Hours**
- ◆ .5 Personal Fitness
- ◆ .5 Health
- ◆ .5 Physical Education
- ◆ .5 Speech
- ◆ 1 Fine Arts
- ◆ 1 Technology
- ◆ 2 Electives

28 Total Credits

**The Distinguished Achievements Program includes an extra Foreign Language credit, 75 Community Service Hours, and a cumulative G.P.A. greater than 4.0

Course Selection Process:

Once you complete the course selection worksheet, turn it into the Director of Guidance. The Director of Guidance will review your course selections with the teachers and request recommendations (for honors and A.P. courses) as needed. Once your course selections are approved, a copy of your course selection worksheet will be sent home. If you decide you want to change your schedule, once your original course selections have been approved, you must follow the schedule change policy.

Schedule Change Policy:

In order for a high school student to be considered for a schedule change, an Add/Drop form must be submitted to the Director of Guidance by the end of the first week of school. After this time, schedule changes are not allowed unless deemed necessary by the administration. Drop/Add forms are available in the guidance office.

Failed Courses:

High school courses are quantified with $\frac{1}{2}$ or 1 credit. 1 credit courses are generally fulfilled by the completion of two semesters. All courses must be passed with a 60% or higher. If a course is failed for the semester, the student will not be granted credit and may need to complete summer school to fulfill the high school graduation requirements. Example: A student takes Biology. Semester 1 he receives a 75. Semester 2 he receives a 55. The student will only receive $\frac{1}{2}$ credit for Biology because he failed semester 2. The failed $\frac{1}{2}$ credit must be made up, through an approved summer school or Florida Virtual School course, before the students' senior year. (See the guidance office for a summer school approval form)

Course Descriptions: BIBLE

Bible 1

World Views/Logic

Grade 9

1 Credit

Bible 1 is a year long course taught in two parts, both involving Bible study and research in comparative religious beliefs and cults. Students look at what other religious systems teach about Jesus and what the truth of the Bible says about Jesus. Students learn the theology and worldviews of Judaism, Islam, Mormonism, Jehovah's Witnesses, Hinduism, Buddhism, Secular Humanism and Post-Modernism. At the same time, they examine relevant Bible passages and learn more about Christian doctrine. Memorizing Scripture and individual research will accompany regular assessments on material learned in class. Class discussions and current events involving these worldviews and Christianity will add to student comprehension and appreciation.

Bible 2

Christian Doctrines

Grade 10

1 Credit

Christian Doctrines is an examination of the fundamental beliefs of the Christian faith. An explanation of what theology is, along with its importance for the Christian life, is explored through the doctrines of revelation, God, creation, providence, humanity, sin, Christ, the Holy Spirit, the atonement, salvation, the church and eschatology. This course emphasizes beliefs that are commonly shared among all evangelicals, but provides ample opportunity for each student to explore the specific traditions of their own churches.

Bible 3

Apologetics

Grade 11

1 Credit

Apologetics systematically examines a rational defense of the basic elements of the Christian faith, including the existence of God, reliability of the Bible, the claims of Christ and the historicity of the resurrection utilizing a method called "the focusing approach." The course is designed to explain how to present a reasoned defense of the

Gospel: the student is exposed to the various attacks that have typically been leveled at the Bible and Christianity, whether religious, historical, or scientific. An overview of world religions and cults is included. Rebuttals to the challenges and the evangelistic opportunities they present are demonstrated.

Course Descriptions: BIBLE

Bible 4

Philosophy/Ethics

Grade 12

1 Credit

Bible 4 is a year long course taught in two parts. Ethics examines ethical philosophy and theory as well as case studies of contemporary ethical issues. Students are taught the major theories of ethics including divine command theory, utilitarianism, egoism, relativism, and virtue theory. A brief historical survey of ethical thought is covered. After establishing a firm foundation for ethical thinking and a process for ethical decision making, the students analyze various moral issues. Case studies include abortion, reproductive technologies, genetic therapy, cloning, euthanasia, capital punishment, war, and legislating morality.

Philosophy guides students toward maturity of intellect and Christian faith by teaching them to use careful analysis and logical reasoning to think responsibly and creatively about their worldview in light of the Christian faith, the history of philosophy, and the best of contemporary philosophy. Students will explore the major areas of philosophic inquiry with reference to both historical and contemporary thought. The goals are to develop critical thinking, to cultivate awareness of worldviews and in particular of a Christian worldview, to develop a positive Christian appreciation of the life of the mind, and to explore the relationship of philosophy to other disciplines and to the Christian Faith.

Course Descriptions: ENGLISH

English I

Grade 9

1 Credit

English I is a transitional course which culminates the language arts experience begun in the middle school and also introduces students to the rigors and rewards of upper school English. It is a sophisticated course designed to introduce students to the essential forms of literature and to provide them with the tools to respond to and participate in those works they have read. Students will learn how to communicate ideas clearly and correctly in both oral and written English. Although there will be some instruction of sentence and paragraph writing, the focus will rapidly move to the traditional five-paragraph essay as a vehicle of expression. Students will gain a command of the technical vocabulary necessary for writing convincingly about literature and also will continue a close study of English grammar. By the completion of English I, students are expected to demonstrate an awareness of the nature and function of language in human affairs.

In addition to summer reading, students will read a wide selection of works from all genres (poetry, fiction, drama, non-fiction, etc.). Students will respond to these works through formal and personal essays. Integral to this end, students will learn the importance of prewriting, outlining, editing, and revising by polishing at least two essays a quarter. By the end of the ninth grade year, students will gain an appreciation for the process of writing, for the power of language, and for the beauty of literature.

English I Honors

Grade 9

1 Credit

Pre-Requisites: Students must have obtained a B or better in Eighth Grade English.

Teacher Recommendation Required

This course differs from English I primarily in emphasis. It is intended for advanced, ambitious students who are willing and able to do more reading, and it requires students to perform more sophisticated writing assignments in preparation for success in Advanced Placement Composition and Literature classes. Successful completion of this course, together with English II Honors, culminates with English III and IV Advanced Placement (college-level work followed by the AP exam).

English II

Grade 10

1 Credit

Building on the foundation established in the ninth grade year, sophomores will hone their critical reading skills and will diversify their writing styles to accommodate their maturing thought

Course Descriptions: ENGLISH

processes. Students will read the literature from a variety of cultures. In addition to reviewing the five-paragraph essay, students will broaden their styles of expression, modeling essays of comparison and contrast, description, definition, cause and effect, and persuasion. As students gain an appreciation for reason, argument, language, style, and structure, they will emerge as discerning thinkers ready to handle the complexity of the ideas and literature they will encounter in their junior and senior years.

English II Honors

Grade 10

1 Credit

Pre-Requisites: Students must have obtained a B or better in English I Honors or an A or better in English I.

Teacher Recommendation Required

English II Honors differs from English II primarily in emphasis and depth. The course is intended for advanced, ambitious students who are willing and able to do more reading in greater depth and to respond with considerably more sophisticated writing assignments in order to be prepared for success in Advanced Placement Composition and Literature classes. Honors students write more often and are expected to participate in all class discussions.

English III

Grade 11

1 Credit

English III explores a historical survey of American literature from colonial essayists to contemporary poets and novelists. Through a close study of major writers, students will grasp the historical trends and that sense of destiny which shaped American literature, become aware of the importance of literary criticism, and learn to express and refine their own appreciation and evaluation of these important works.

Writing will increasingly concern the literature student, but students will also continue to compose essays based upon their own experiences and thoughts. Nonetheless, the major objective remains to develop the ability to deal with literature and simple literary criticism in a mature, effective style. Seasoned readers and writers will ultimately glean an awareness of the American experience. Students must not only come to understand a chronological approach to this literature but must also train their eyes to a thematic vision. The instructor may, in fact, at times lift works out of sequence or even reverse their sequence in order to provide a sense of those themes, which transcend historical events.

Course Descriptions: ENGLISH

The students' work will be evaluated on the following criteria: two or three major tests per quarter, at least two major essays per quarter (excluding rough drafts and revisions), quizzes, and homework performance.

English III Honors

Grade 11

1 Credit

Pre-Requisite: Students must have obtained a B or better in English II.

Teacher Recommendation Required

This course integrates the American literature survey with the Advanced Placement English Language and Composition curriculum. Students will encounter and master various genres of prose writing such as autobiography, persuasion, critical reviews, and political discourse using important selections primarily from the American literature canon.

As readers, students will learn to recognize the language patterns that authors have created and describe their response to these patterns. They will be able to discern aims (to inform, to persuade, to express, etc.) and modes (narrative, descriptive, analytic, etc.) of discourse. Within the context of American literature, students will be able to distinguish the uniqueness of a writer's work from the characteristics governed by convention.

As writers, students will employ the structures appropriate to various aims and modes. They will broaden their vocabularies and their facilities to choose from a repertoire of structures. Students will be expected to convey information accurately without distortion or ambiguity, and, as appropriate, be able to influence the reader's feelings through diction, figures of speech, and sentence structure. The course will include a variety of tasks: reading from different time periods of a developing nation; writing for a variety of audiences and purposes; writing of greater and lesser complexity; timed and un-timed writing; and writing for a practical aim.

English IV

Grade 12

1 Credit

This course is a focus on British Literature, the most all-encompassing and demanding world literature. As such, it synthesizes the work begun in the earlier grades. Elements of literature are reviewed with a focus on how they are manifested through all genres: fiction, poetry, drama, and the essay. All basic methods of development are explored: exposition, description, narration, definition, and argumentation. Critique and evaluation of student writing are primarily concerned with matters of style and rhetoric.

Course Descriptions: ENGLISH

Although all students read in common several major British works during semester one, teachers of seniors are then encouraged to select additional works which appeal to the teachers' interest and area of expertise. Major tests, critical literary essays, personal essays, quizzes, oral presentations, and class discussion will determine students' progress in the course.

The study of literature will be a continuation of traditional literary elements by means of discussion closely tied to selected major works in each of the four genres: fiction, poetry, drama, and the essay. The approach to the literary works will emphasize the rhetoric of reading. Such reading will include active involvement of both thought and feeling and will encourage the student to value his own experiences with life and with language. In the process, it will enrich both. The student will be asked to view literature as a significant reflection of life and also as an imaginative extension of life's possibilities.

English IV Honors

Grade 12

1 Credit

Pre-Requisites: Students must have obtained a B or better in English III Honors/AP Language and Composition.

Teacher Recommendation Required

Students are expected to have a strong interest in and aptitude for reading, discussion, and analysis of imaginative literature, both in terms of meaning and craft. The course is not intended just to teach the examination, which is the byproduct of the intellectual discipline inherent in literary scholarship. Rather, it is intended to introduce students to the ideas, concepts, craft, and values in great works of literature, both classical and contemporary, the ultimate objective being to enhance the intellectual maturation and the aesthetic/spiritual growth and awareness of the students.

Students will study intensively a large number of representative masterpieces embracing all genres and periods. Although most works are American and British, there are also many European and Russian works whose "rich language and complex thought challenge, instruct, move, and delight readers."

Writing is an integral element of the AP course. Through exploration of reading, speaking, listening, and writing, students are expected to develop an awareness of and sensitivity to the rich resources of language: connotation/denotation, metaphor, irony, imagery, symbolism, syntax, and tone. Critical writing is expected to reflect this growing awareness, but all students are also expected to demonstrate their mastery of language in such creative endeavors as short fiction, poetry, and personal narrative, all of which extend and enhance the literary experience.

Course Descriptions: ENGLISH

AP English Language and Composition

Grade 11 or 12

1 Credit

Pre-Requisites: Students must have obtained a B or better in English II and/or III.

Teacher Recommendation Required

Writing is an integral element of the AP course. Through exploration of reading, speaking, listening, and writing, students are expected to develop an awareness of and sensitivity to the rich resources of language: connotation/denotation, metaphor, irony, imagery, symbolism, syntax, and tone. Critical writing is expected to reflect this growing awareness, but all students are also expected to demonstrate their mastery of language in such creative endeavors as short fiction, poetry, and personal narrative, all of which extend and enhance the literary experience English IV AP covers the content specified in the course description as outlined by the College Board

AP English Literature

Grade 11 & 12

1 Credit

Pre-Requisites: Students must have obtained a B or better in English II and/or III.

Teacher Recommendation Required

AP English Literature covers the content specified in the course description as outlined by the College Board, and is designed for students who have successfully completed English II and English III AP. Students are expected to have a strong interest in and aptitude for reading, discussion, and analysis of imaginative literature, both in terms of meaning and craft. The course is not intended just to teach the examination, which is the byproduct of the intellectual discipline inherent in literary scholarship. Rather, it is intended to introduce students to the ideas, concepts, craft, and values in great works of literature, both classical and contemporary, the ultimate objective being to enhance the intellectual maturation and the aesthetic/spiritual growth and awareness of the students.

Students will study intensively a large number of representative masterpieces embracing all genres and periods. Although most works are American and British, there are also many European and Russian works whose "rich language and complex thought challenge, instruct, move, and delight readers."

Creative Writing

Grade 11 & 12

1 Credit

PROPOSED...MORE INFORMATION TO COME JANUARY '08

Course Descriptions: MATHEMATICS

Algebra I

Grade 9

1 Credit

Prerequisite: Pre-Algebra

This course is designed to provide students with algebraic skills necessary to master upper level studies in mathematics. Topics include equations, inequalities, real numbers, polynomials, rational expressions, functions and their graphs, systems of equations, radicals, Pythagorean Theorem, distance formula, and quadratic equations. The goal is to develop an understanding of algebra concepts and introduce abstract thought processes.

Liberal Arts Math

Grade 9 - 11

1 Credit

Prerequisite: Algebra I

This course is designed to be a bridge between algebra and geometry. The first half of the course reinforces algebra skills. While the second half introduces and reinforces basic geometry concepts. Topics include linear equations and inequalities, polynomials, systems of equations, statistics, probability, angle relationships, lines, area, and volume.

Geometry

Grades 9-11

1 Credit

Prerequisite: Algebra I

This course enables the student to understand the basic structure of geometry and to develop growth in understanding the deductive method. Students will strengthen algebraic skills and gain knowledge of coordinate geometry. Topics include inductive and deductive reasoning, angle relationships, lines, planes, coordinate geometry, area, and volume.

Geometry Honors

Grades 9 - 11

1 Credit

Prerequisites: Algebra I, in which students must have obtained a B or better

Teacher Recommendation Required

Geometry Honors is intended for those who have demonstrated a proficiency in algebra. The course is a comprehensive study of the concepts of plane and solid geometry with an emphasis on rigorous proofs. In addition to the topics listed in the geometry course, this study includes transformations of the plane, advanced constructions, and applications.

Course Descriptions: MATHEMATICS

Algebra II

Grades 10 - 12

1 Credit

Prerequisites: Algebra I and Geometry with a minimum of a C

This course is a continuation of the concepts covered in Algebra I. Topics covered during the year will include equations, inequalities, functions, matrices, conic sections, sequences, series, probability and statistics. Trigonometry will be introduced. There will also be an emphasis on solving standardized test problems to prepare them for the College Board SAT and ACT. A graphing calculator is required (TI-83 or TI-84).

Algebra II Honors

Grade 10-12

1 Credit

Prerequisites: Algebra I and Geometry Honors with a minimum of a B in both Courses

Teacher Recommendation Required

The purpose of this course is to develop algebraic graphing and reasoning strategies that can be used to solve a variety of real world and mathematical problems. Derivations of formulas and proofs of theorems will be introduced. Topics covered during the year will include equations, inequalities, functions, matrices, conic sections, sequences, series, Trigonometry, and Probability and statistics. There will also be an emphasis on solving standardized test problems in preparation for the College Board SAT and ACT. A graphing calculator is required (TI-83 or TI-84).

Statistics

Grade 10-12

1 Credit

Prerequisites: Algebra I and Geometry

The focus will be on understanding and using statistical methods in research and applications. Topics include: basics of probability, estimation and hypothesis testing, measures of central tendency, analysis of variance, linear correlation and regression, and nonparametric statistics.

Pre-Calculus Honors

Grades 11-12

1 Credit

Prerequisites: Algebra II Honors with a minimum grade of a B

Teacher Recommendation Required

Course Descriptions: MATHEMATICS

This is an advanced course in mathematics designed to prepare a student for a college-level calculus course. This course will also develop problem-solving skills with an emphasis on analytical thinking and reasoning. Students will be expected to construct mathematical proofs and derive theorems. The topics covered will include functions and their graphs. This includes polynomial, logarithmic, exponential, and trigonometric functions. Vectors, parametric equations, sequences, series, and limits will also be covered.

Calculus Honors

Grade 12

1 Credit

PROPOSED...MORE INFORMATION TO COME JANUARY '08

Course Descriptions: SCIENCE

Physical Science: Introduction to Physics and Chemistry

Grades 9-10

1 Credit

Pre-requisites: Concurrent enrollment in Algebra I, or concurrent enrollment in LAM if taking as a second year science course. This course cannot be taken after completion of either Chemistry I, Physics I, AP Chemistry, AP Physics, AP Biology, or Anatomy/Physiology.

Physical Science is designed to be an introductory course into the fields of both physics and chemistry. Topics include: Measurement, Motion, Force and Motion, Work and Energy, Temperature and Heat, Waves, Optics and Wave effects, Electricity and Magnetism, Atomic Physics, Nuclear Physics, Chemical Elements, Bonding, Reactions, Organic Chemistry. This course is designed to give those students with a limited background in mathematics a quality science course that will help to enhance the Algebraic skills being learned in their mathematics classes.

Biology

Grades 9-12

1 Credit

Pre-requisites: Concurrent enrollment in Geometry or better. Case by case exceptions do exist but are not the rule. This course cannot be taken after the completion of either Anatomy/Physiology or AP Biology.

Biology is a survey course of living things. The focus is on living organisms themselves and their characteristics, systems, and interactions with one another. Topics include: Human Anatomy/Physiology, Vertebrates, Arthropods, Invertebrates, Plants, Plant Processes, Fungi, Protists, Bacteria and Viruses, Classification, Chemistry, Cells, Cellular Energetics, Mendelian Genetics, Molecular Genetics, and Biotechnology.

Biology Honors

Grades 9 - 12

1 Credit

Pre-requisites: Concurrent enrollment in Geometry or better. This course cannot be taken after the completion of either Anatomy/Physiology or AP Biology.

Teacher Recommendation Required

Biology Honors covers the same content as the Biology I course. In addition to the content taught, students will research topics of interest through completion of scientific journal article reviews and research papers that delve into more specific content in the biological realms. This course will also present AP content and strategies and prepare the student for the eventuality of taking the complementary AP course.

Course Descriptions: SCIENCE

AP Biology

Grade 11 -12

1 Credit

Pre-requisites: Chemistry I, Current science instructor approval, AP instructor approval, Biology I (strongly recommended, but not required).

AP Biology is designed to be the equivalent of a first college course in Biology for majors. Topics include: Chemistry of Life, Cells, Cellular Energetics, Heredity, Molecular Genetics, Evolutionary Biology, Diversity of Organisms, Anatomy and Physiology of Animals and Plants, Ecology. AP Biology also contains an extensive laboratory component. This course will prepare the student to take the AP exam, offered by the College Board, at the end of the year.

Chemistry

Grades 10 – 12

1 Credit

Pre-requisites: Concurrent enrollment in Geometry or better. This course cannot be taken after the completion of AP Chemistry.

Chemistry is a survey course of introductory chemistry. Topics include: Measurements, Calculations, Matter, Energy, Thermodynamics, Kinetics, Periodic Table, Nomenclature, Reactions and Equations, Stoichiometry, Atomic Theory, Bonding, Gas Laws, Solids and Liquids, Solution Chemistry, Acids and Bases, Equilibrium, Redox, Nuclear Chemistry, and Organic Chemistry

Chemistry Honors

Grades 10 – 12

1 Credit

Pre-requisites: Concurrent enrollment in Geometry or better. This course cannot be taken after the completion of AP Chemistry.

Teacher Recommendation Required

Chemistry Honors covers the same content as the Chemistry I course. In addition to the content taught, students will research topics of interest through completion of scientific journal article reviews and research papers that delve into more specific content in the chemical realms. This course will also present AP content and strategies and prepare the student for the eventuality of taking the complementary AP course.

Course Descriptions: SCIENCE

AP Chemistry

Grades 10 -12

1 Credit

Pre-requisites: Geometry, Current science instructor approval, AP instructor approval, Chemistry I (strongly recommended, but not required).

AP Chemistry is designed to be the equivalent of a first college course in Chemistry for majors. Topics include: Atomic Theory, Bonding, Nuclear Chemistry, Gases, Kinetic Molecular Theory, Liquids and Solids, Solutions, Reaction Types, Stoichiometry, Equilibrium, Kinetics, Thermodynamics, Chemical Reactivity, Periodic Table, Organic Chemistry. AP Chemistry also contains an extensive laboratory component. This course will prepare the student to take the AP exam, offered by the College Board, at the end of the year.

Physics

Grades 10 – 12

1 Credit

Pre-requisites: Concurrent enrollment in Geometry or better. This course cannot be taken after the completion of AP Physics.

Physics is a survey course of introductory physics. Topics include: Mechanics, Properties of Matter, Heat/Thermodynamics, Sound/Music, Electricity and Magnetism, Light, Atomic and Nuclear Physics, and Relativity.

Physics Honors

Grades 11 -12

1 Credit

Pre-requisites: Concurrent enrollment in Geometry or better. This course cannot be taken after the completion of AP Physics.

Teacher Recommendation Required

Physics I Honors covers the same content as the Physics I course. In addition to the content taught, students will research topics of interest through completion of scientific journal article reviews and research papers that delve into more specific content in the physical realms. This course will also present AP content and strategies and prepare the student for the eventuality of taking the complementary AP course.

Course Descriptions: SCIENCE

AP Physics

Grades 11 -12

1 Credit

Pre-requisites: Algebra II, Current science instructor approval, AP instructor approval, Physics I (strongly recommended, but not required).

AP Physics is designed to be the equivalent of a first college course in Physics for majors. Topics include: Kinematics, Newton's Laws, Work, Energy, Power, Linear Momentum, Circular Motion and Rotation, Oscillations and Gravitation, Fluid Mechanics, Temperature and Heat, Kinetic Theory and Thermodynamics, Electrostatics, Conductors, Capacitors, Dielectrics, Electric Circuits, Magnetic Fields, Electromagnetism, Waves and Optics, Physical Optics, Geometric Optics, Atomic Physics and Quantum effects, Nuclear Physics. AP Physics also contains an extensive laboratory component. This course will prepare the student to take the AP exam, offered by the College Board, at the end of the year.

Anatomy/Physiology

Grades 10 -12

1 Credit

Pre-requisites: Completion of Biology I OR Chemistry I OR Physics I

Anatomy/Physiology is a course that covers the essentials of human structure and function. Topics include: Orientation to the human body, Basic Chemistry, Cells and Tissues, Skin and Body Membranes, Skeletal System, Muscular System, Nervous System, Special Senses, Endocrine System, Blood, Cardiovascular System, Lymphatic System and Body Defenses, Respiratory System, Digestive System and Body Metabolism, Urinary System, and Reproductive System.

Marine Science I

Grades 9 – 12

1 Credit

Pre-requisites: Completion of Biology I OR Chemistry I OR Physics I

THIS COURSE IS ONLY OFFERED IN THE SUMMER

Marine Science is a course introducing students to the world of the oceans. This course has organisms and interactions of organisms as its focus. Topics include: The Sea Floor, Chemical and Physical features of Seawater, Biological concepts, Microbes, Seaweeds and Plants, Marine Animals, Marine Ecology, Intertidal zones, Estuaries, Continental Shelf, Coral Reefs, Life near the Surface, The Ocean Depths. This course is only offered in the summer and will require the completion of a SCUBA certification course as part of its curriculum as well as a week long trip to various locations in Florida.

Course Descriptions: SCIENCE

Marine Science II

Grades 10 – 12

1 Credit

Pre-requisites: Marine Science I and completion of two courses from Biology I OR Chemistry I OR Physics I.

THIS COURSE IS ONLY OFFERED IN THE SUMMER

This second course is designed to extend and expand on the physical nature of the oceanic world learned in Marine Science I. Again, this course is only offered in the summer and will require previous SCUBA certification and a week long trip.

Course Descriptions: SOCIAL STUDIES

Speech

Grade 9

½ Credit

Speech class is a half year course offering students opportunities to learn basic speech preparation and delivery in a non-threatening atmosphere. Assignments include individual and group presentations, research, and some memorization. Techniques of public speaking are taught while students prepare commercials, persuasive speeches, and opinion speeches. Cooperative learning promotes confidence for all types of speakers, enabling students to be better equipped to speak in school, church, and community settings.

World History

Grade 10

1 Credit

This historical survey begins in Mesopotamia and leads to the global conflicts of today's news, emphasizing connections between past historical conflicts and current world events. Students examine the basic needs of populations, causes and motives of historical events, and people of historical significance. Timelines, concepts and global patterns help students organize and connect centuries of information. The history of the Christian faith plays a major role in our evaluation of global affairs. Students do creative projects and research papers as well as standardized assessments

World History Honors

Grade 10

1 Credit

Prerequisite: *Teacher Recommendation Required*

Students in this historical survey course link cultures of the ancient world to those of today's headlines. Using critical thinking and analysis, students learn to identify significant elements which distinguish all cultures and build civilizations. Written work will include research papers and topical essays. Other assessments range from creative and oral presentations to traditional tests. Students will do some outside reading to supplement their textbook. This Honors level class requires independent study and thoughtful preparation by students who enjoy a Humanities perspective to History study.

Course Descriptions: SOCIAL STUDIES

United States History

Grade 11

1 Credit

Beginning with an understanding of Native populations in the Americas, and factors which led to the colonization of North America by Europeans, this course lays a foundation of our country's most vital and important elements. Students will gain an appreciation of causes and motives in historical events, the basic needs and structures of human populations and the foundations of our democracy. Course work will lead to the events of today tracing diplomacy, policy, immigration, education and social issues from the 1500s to current events. Students will use critical thinking and writing skills as well as doing independent and group research, and be assessed in traditional as well as creative ways.

United States History Honors

Grade 11

1 Credit

Prerequisites: Students must have obtained a B or better in World History Honors or an A or better in World History.

Teacher Recommendation Required

Students possessing strong critical thinking and writing skills will concentrate on understanding the development of United States History from its roots to the present. Emphasis will be given to the rapid change and development of our country from the Industrial Revolution through the Vietnam Era as students research and analyze primary sources and historical information from a Humanities perspective. Exposure will be given to the arts and social influences of various periods in United States History and students will do independent study on topics of particular interest to them throughout the course. Outside reading will be required.

AP European History

Grade 12

1 Credit

Prerequisites: Students must have obtained a B or better in World History Honors or United States History Honors.

Teacher Recommendation Required

From the Late Middle Ages to the present, this study of European History introduces students to cultural, economic, political and social developments that played a fundamental role in shaping the world in which they live. Students will develop critical thinking and writing abilities in reference to the rise of contemporary institutions, the role of continuity and change in politics and progression of arts and sciences. The goals of this AP course are to develop academic skills commensurate with a college level course in the subject matter and will focus on analysis and interpretation of events

Course Descriptions: SOCIAL STUDIES

and themes in European History. Students will be required to do some outside reading and should possess strong comprehension and writing ability in addition to an interest in world affairs. (THIS COURSE IS A 12TH GRADE ACADEMIC ELECTIVE)

United States Government

Grade 12

½ Credit

This course is designed to broaden student understanding of philosophical foundations and institutional structure of our government. The course places emphasis on the practical necessity of training seniors to be responsible citizens by including a political participation requirement in the course.

Economics

Grade 12

½ Credit

This course introduces students to the economic concepts and principles of the American-free enterprise system.

Course Descriptions: FOREIGN LANGUAGE

Spanish 1

Grades 9 – 11

1 Credit

This course develops mastery of the vocabulary. Skills will include listening, speaking, reading, and writing in Spanish. The text focuses on specific grammar rules that build with each chapter beginning with present tense and ending with preterit. Lectures about other Spanish-speaking countries are incorporated throughout the course. There will be a quarterly project or presentation to evaluate mastery level.

Spanish 2

Grades 9 – 12

1 Credit

Prerequisite: Spanish 1

In this course the students will build upon their basic knowledge of Spanish and learn to apply their language skills in more complex communication situations and express themselves in a personal and meaningful manner. This course is designed to master advanced grammar concepts, including the preterit, imperfect, future, progressive, subjunctive and conditional tenses as well as the use of object pronouns, the passive voice, interrogative pronouns and command form. Students will improve their elocution and pronunciation as well their assimilation of the concepts studied. The study of Spanish culture and fine arts is continued on a more advanced level.

Spanish 3

Grades 10 – 12

1 Credit

Prerequisite: Spanish 2

PROPOSED...MORE INFORMATION TO COME JANUARY '08

American Sign Language 1 (ASL 1)

Grades 9 – 12

1 Credit

Course Description: The purpose of this course is for students to acquire knowledge of American Sign Language through a linguistic, cultural, and communicative approach to language learning. At the completion of the course, students will have the general knowledge of receptive and expressive signing skills, Deaf cultural understanding, and the fundamentals of ASL grammar. Students are going to be encouraged to use and practice ASL within and beyond the classroom through special activities and visits with the Deaf culture. In addition, discussion of how students can use American

Course Descriptions: FOREIGN LANGUAGE

Sign Language for the bettering of God's kingdom will be explored and practiced through study and real-life applications within the Deaf community.

American Sign Language 2 (ASL 2)

Grades 10 – 12

1 Credit

PROPOSED...MORE INFORMATION TO COME JANUARY '08

Course Descriptions: PHYSICAL EDUCATION

Physical Education

Grades 9 – 12

½ Credit

From individual sports to team sports, the student will be exposed to the team and game atmosphere of sports. An emphasis will be placed on large games as opposed to skills. Participating in both male/female and co-ed games will expose the student to the different strategies needed to be successful.

Personal Fitness

Grades 9 – 12

½ Credit

The primary objective of the personal fitness class is to help students develop the knowledge, skills, motivation and behaviors that will promote and reinforce a lifetime commitment to wellness through a physically active and healthy lifestyle. A second goal is to have the students be "*physically*" active during class. This semester course offers students an opportunity to be tested in health related fitness (flexibility, muscular strength/endurance, cardiovascular fitness, body composition) as well as skill related fitness (agility, speed, coordination, balance, power, and reaction time). Workouts vary in content and include such activities as, weight lifting, circuit training, step aerobics, and the use of digi-walkers to record data.

Life Management Skills/Health

Grades 9 – 12

½ Credit

This semester course is designed to assist students to obtain accurate information, develop lifelong positive attitudes and behaviors, and make wise decisions related to their personal health. Topics of study will include CPR certification, first aid training, resume writing, job interviewing, financial planning, abstinence in use of alcohol, tobacco, and other drugs, communicable diseases, sexually transmitted diseases and relationship abuse prevention. Central themes are the acceptance of personal responsibility for lifelong health, respect for and promotion of the health of others.

Weight Training 1

Grades 9 – 12

½ Credit

The class consists of lifting weights five days per week. Proper technique is shown so students are safe. Learning of the basic muscle groups is required. This class is for beginners to weight training and is available to boys and girls.

Course Descriptions: PHYSICAL EDUCATION

Weight Training 2

Grades 10 – 12

½ Credit

Prerequisite: Weight Training I

The class consists of lifting weights five days per week. The main differences between Weight Training I and II is the requirement to learn more about muscle groups and how weight training affects the body. Some classroom time will occur.

Weight Training 3

Grades 10 – 12

½ Credit

PROPOSED...MORE INFORMATION TO COME JANUARY '08

Weight Training 4

Grades 10 – 12

½ Credit

PROPOSED...MORE INFORMATION TO COME JANUARY '08

Course Descriptions: FINE ARTS

Art 1

Grades 9 - 12

½ Credit

In Art 1, students are introduced to a variety of two-dimensional art experiences and concepts. It is a foundational course for the study of drawing and design with an emphasis on the elements of art, principles of design, art history, aesthetics, and related vocabulary.

Art 2

Grades 9 - 12

½ Credit

Prerequisite: Art 1

In Art 2, students continue to build foundational art knowledge and skills through two dimensional art experiences including, but not limited to, drawing, painting, printmaking, and collage.

Art 3

Grades 10 - 12

½ Credit

Prerequisite: Art 2

In Art 3, students will explore a variety of two and three dimensional media with an emphasis on technical excellence as well as creative self-expression. The course takes a more in-depth approach to the study of art production techniques, aesthetics, art criticism, and art history. Extended projects challenge students to further develop their skills in drawing, painting, printmaking, ceramics, and sculpture.

Art 4

Grades 10 - 12

½ Credit

Prerequisite: Art 3

In Art 4, students will continue advanced explorations with two and three dimensional art media, techniques, production, aesthetics, criticism, and history in a less teacher-directed situation. This will allow more independent choices and informed personal solutions to any given set of criteria.

Course Descriptions: FINE ARTS

Drawing

Grades 9 - 12

1 Credit

PROPOSED...MORE INFORMATION TO COME JANUARY '08

Ceramics

Grades 9 - 12

1 Credit

PROPOSED...MORE INFORMATION TO COME JANUARY '08

Vocal Ensemble 1

Grades 9 - 12

1 Credit

Prerequisites: Audition; ability to sing on pitch

Students will learn the basics of correct vocal production, singing in unison, two-part and three-part; How to produce and listen for correct blend and balance; Basics of reading music and sight reading and solfege; some choreographic movement.

Vocal Ensemble 2

Grades 10 - 12

1 Credit

Prerequisites: Vocal Ensemble 1, Audition; ability to sing on pitch and against a harmonic line

Students will continue basics of correct singing, balance, blend and continue with sight-reading on a more advanced level using solfege and music theory. Singing in two, three, and four parts; choreography; and introduction to Classic Literature.

Drama

Grades 9 - 12

1 Credit

Students will learn the basics of pantomime, characterization, improvisation, stage movement, and vocalization. Students will create a speech and movement piece; take part in various skits and plays. Students will present a monologue as their final presentation.

Course Descriptions: FINE ARTS

Orff 1

Grades 9 - 12

1 Credit

The primary goal of this elective is to develop an understanding and appreciation for God's gift of music and the performing arts. This is an entry level course in Orff Ensemble methods. This course will cover basic theory, mallet, techniques, scales and arpeggios, ensemble playing, and improvisation.

Orff 2

Grades 10 - 12

1 Credit

Prerequisite: Orff 1

The primary goal of this elective music is to develop an understanding and appreciation for God's gift of music and the performing arts. This course will cover a higher level of music theory, mallet techniques, scales and arpeggios, ensemble playing, solo and duet playing, improvisation and composition.

Band 1

Grades 9- 12

1 Credit

Band 1 is intended to be the first high school course in instrumental music. Students should have some grounding in middle school music in the areas of scales, rhythm and tone production. Students should know how to hold and maintain band instruments. Students will need an instrument. A small number of large instruments are available from the school. Some after school practice and performance is required. Some entry fee money may be required for band evaluations.

Band 2

Grades 9- 12

1 Credit

Prerequisite: Band 1

Band 2 is a continuation of Band 1 with the same requirements. A more in depth study of instrumental music performance. More sophisticated rhythms, chords and melodic content will be explored, with a goal of making the student prepared to perform high school music literature of a moderate difficulty.

Course Descriptions: FINE ARTS

Yearbook/Photography

Grades 9 – 12

½ Credit

Prerequisites: *Teacher Recommendation Required*

Students will be responsible for photographing student life, sports, resources, school events, etc. They will also be responsible for selling ads to businesses and families, designing layouts for all pages, interviewing students, and gathering information/statistics from sporting/school events

Web Design

Grades 9 – 12

½ Credit

Students will study the basic principles of design and understand the "process of concept" along with the study of Hypertext Markup Language (HTML). Through the process of critiquing, ideas will be discussed and creative avenues will be explored. After achieving a basic understanding of design principles, students will be challenged to design their own web page using HTML.

TV Production

Grades 9 – 12

½ Credit

Students will be introduced to basic practices for television production; camera, lighting, and sound. Students will explore and execute the concept of production planning through working in a "crew" setting. We will also explore the latest advances in desktop video applications and dig into how special effects play a huge role in post production.

Yearbook/Photography

Grades 9 – 12

½ Credit

Prerequisites: Teacher Recommendation Required

Students will be responsible for photographing student life, sports, resources, school events, etc. They will also be responsible for selling ads to businesses and families, designing layouts for all pages, interviewing students, and gathering information/statistics from sporting/school events.