

Hawaiian Mission Academy

A Seventh-day Adventist Co-educational Boarding High School



Course Description

2008-2009

Course Description

Legend -

COURSE NAME	
Subject Area (R = required E = elective)	
Length (Semester periods)	Recommended grade
Prerequisites (if applicable)	
Course description	

APPLIED/PRACTICAL ARTS

CREATIVE LIVING	
Practical Arts (R/E)	
2 semesters (10 semester periods)	Grades 9-10

This is a basic comprehensive course in all areas related to independent living. Subjects covered include values and goals, living with your family, good grooming, understanding others, harmony of colors, wardrobe planning, clothing design, basic sewing, foods and nutrition, food preparation, parenting, child care, housing, home furnishing, and resource management.

BUSINESS EDUCATION

ACCOUNTINGS	
Mathematics (E)	
1 semester (5 semester periods)	Grade 12

This is an introductory course which will give students an understanding of accounting, familiarity with terms, and preparation for college accounting courses. Students will learn how to keep financial records by hand and how to prepare financial statements using double entry accounting.

ECONOMICS [See description in SOCIAL STUDIES]

COMPUTER LITERACY	
Computer Technology Business Education (R)	
1 semester (5 semester periods)	Grades 9-12

Students develop basic skills in safe data handling, computer use, learn how to format a report, research a paper, and use the Internet. They are exposed to databases and spreadsheets. The course is designed to fulfill the computer education required for graduation from an academy in the Pacific Union Conference. *This class may be waived by passing a Competency Test.*

KEYBOARDING	
Computer Technology Business Education (R)	
1 semester (5 semester periods)	Grades 9-12

The Academy assumes that incoming students will already have basic keyboarding skills. Independent drill and practice will be provided for those who need to increase their speed. Other skills required by the State and the Pacific Union for graduation will be met in the Computer Literacy class. *This class may be waived by passing a Competency Test.*

MICROSOFT OFFICE	
Computer Technology Business Education (E)	
1 semester (5 semester periods)	Grades 10-12
PREREQUISITE: Keyboarding, Computer Literacy	

Students will learn how to use Microsoft Excel, PowerPoint, and Access software in an integrative way to create spreadsheets and presentation projects, & reports. Students learn to use spreadsheets to create graphs and other visual presentation of numerical data. They will learn how to merge this information into a word processing and/or PowerPoint presentation. They will learn special mail merge procedures using the Access database software in creating specialized letter documents after designing a specialized database.

COMPUTER TECHNOLOGY

DIGITAL ART (Fine Arts or Practical Arts credit)	
Fine Arts Computer Technology (R E)	
1 semester (5 semester periods)	Grades 10-12
PREREQUISITE: Keyboarding and Computer Literacy; or by teacher approval, space permitting.	

Students are instructed in the creation of their own pieces of art using computer software and technology. Students will be introduced to ADOBE Photoshop software. A major emphasis is on the creation of a portfolio of student projects utilizing digital design and photography.

DIGITAL VIDEO MEDIA (Fine Arts or Practical Arts credit)	
Fine Arts Computer Technology (R E)	
1 semester (5 semester periods)	Grades 10-12
PREREQUISITE: Digital Art; or by teacher approval, space permitting.	

Students are instructed in the creation of their own pieces of art using computer software and technology. Students will be introduced to iMovie and FinalCut Pro, and iDVD software for video editing. A major emphasis is on the creation of a portfolio of student projects utilizing digital design, photography, and video editing.

ENGLISH

ENGLISH I	
English (R)	
2 semesters (10 semester periods)	Grade 9

This course is designed to build on a review of English grammar, placing emphasis on sentence structure, vocabulary building and correct spelling and punctuation. It presents opportunities to develop techniques in paragraph writing and oral reporting. An introduction to choice selections from world literature is enriched via a varied reading program.

ENGLISH II	
English (R)	
2 semesters (10 semester periods)	Grade 10

Students develop skills in grammar and usage through composition. Reading comprehension, spelling, and vocabulary are stressed. Literature including essays, biographies, magazine, and news stories are covered; outside reading is required.

ENGLISH III	
English (R)	
2 semesters (10 semester periods)	Grade 11

The course stresses the mastery of grammar and usage through composition, much of it based on the literature. American literature is the focus and includes material from an anthology in addition to required outside reading.

ENGLISH III Honors	
English (R)	
2 semesters (10 semester periods)	Grade 11

The course stresses the mastery of grammar and usage through composition, much of it based on the literature. American literature is the focus and includes material from an anthology in addition to required outside reading. The honors class covers two additional texts and does more writing based on the readings.

ENGLISH IV	
English (R)	
2 semesters (10 semester periods)	Grade 12

The course stresses development of communication skills through reading and discussing and writing of selected literary works. It includes textbook theory, a general review of grammar, a survey of English literature from England, the study of vocabulary, and required outside reading. Term paper production will be expected from each student.

ENGLISH IV Honors	
English (R)	
2 semesters (10 semester periods)	Grade 12

The course stresses development of communication skills through reading and discussing and writing of selected literary works. It includes textbook theory, a general review of grammar, a survey of English literature from England, the study of vocabulary, and required outside reading. Term paper production will be expected from each student. The honors class covers two additional texts and does more writing based on the readings

JOURNALISM	
Computer Technology/English (E)	
2 semesters (10 semester periods)	Grades 10- 12
• 5 semester periods: Desktop Publishing • 5 semester periods: English Elective	
PREREQUISITE: C in English I (1st Semester)	

The emphasis of this course is placed on the basics of news management, public relations, ethical practices, and objectivity in being a critical observer of human events. It includes skill development in computer desktop publishing, layout, and design. This course is a combined academic and lab-oriented course. **The Teacher Advisor selects the Ka Elele Editor.**

SPEECH	
Computer Technology English (E)	
1 semester (5 semester periods)	Grades 9-10

The emphasis of this course is to introduce the elements of public speaking, to ensure that students begin developing a comfort zone in public speaking and to progress to more confident levels with their new-found speaking experiences. Also to encourage students to become more aware of and to use their skills on a daily basis speaking up about their beliefs, be they religious, political, social.

YEARBOOK PUBLICATION	
Computer Technology Business Education (E)	
2 semesters (10 semester periods)	Grades 10-12

This is a course open to students (recommended by the editor with final selection and approval by the advisor) who show an interest in working on the yearbook and learning the basics of publishing and writing. Lecture, videos, computer programs and class work will teach the student how to produce quarterly material for the yearbook (KA LAMAKU). Adobe Pagemaker or InDesign are the computer applications that will be used within this course. Although the yearbook is completed by the end of 3rd quarter, all students will be enrolled throughout the second semester and work on desktop publishing applications with the goal of developing a portfolio of projects and completing the requirements to earn 10 units of credit.

FINE ARTS

ART	
Fine Arts (R E)	
1 semester (5 semester periods)	Grades 9-12

This is a survey of art course tracing the early origins of art, from pre-historic to modern times. It is an elective class that will enrich the students appreciation and understanding of multiple art forms.

BAND (offered all 4 years)	
Fine Arts (R E)	
2 semesters (5 semester periods)	Grades 9-12

A class to help develop an appreciation of God's beauty and creation using the vehicle of music. It also exists to nurture and develop the musical instrument skills of all participating students.

CHOIR (offered all 4 years)	
Fine Arts (R E)	
2 semesters (10 semester periods)	Grades 9-12

A vocal performing organization open to all students regardless of ability or experience. Credit is based on class attendance, active participation in class as well as in scheduled performances. Auditions may be necessary for vocal placement within the group.

CHORALE (Select Choir)	
Fine Arts (E)	
2 semesters (5 semester periods)	Grades 9-12
PREREQUISITE: By audition, the number is limited to the instructor's discretion.	

An advanced performing organization limited in size. Entrance is by audition or invitation of the director. Emphasis is placed on performance. This class is subject to scheduling and may not be offered every term. The student who enrolls in select chorale **must also register concurrently for Choir.**

HANDBELLS (offered all 4 years)	
Fine Arts (R E)	
1 semester (5 semester periods)	Grades 9-12
PREREQUISITE: Able to read music.	

An instrumental performing organization open to students who have experience reading music or have taken at least one year of instrumental lessons. Grades will be based on participation, attendance, and scheduled performances. Group size is limited.

PRIVATE MUSIC LESSONS (offered all 4 years)	
Fine Arts (R E)	
1 semester (2.5 semester periods)	Grades 9-12

Students can apply for credit for private music lessons (vocal, keyboard or instrumental) that total at least 30 half-hour lessons per year. Students must apply to and meet

requirements set by academic standards committee to receive credits.

FOREIGN LANGUAGES

SPANISH I	
Foreign Language (R E)	
2 semesters (10 semester periods)	Grades 11-12

This is a course in listening, speaking, reading and writing the Spanish language, with emphasis on reading, speaking and listening using all present and regular preterite tense verb forms. The student is also introduced to the cultural and historical aspects of the Hispanic civilization.

SPANISH II	
Foreign Language (R E)	
2 semesters (10 semester periods)	Grades 11-12
PREREQUISITE: C or above in Spanish I	

This second-year course develops more competence in skills already learned and broadens the overview of Hispanic literature, history and culture. The student learns to discriminate between the two past tense verb forms, the conditional and future tenses, and an introduction to the subjunctive tense in Spanish.

HEALTH EDUCATION

HEALTH	
Health (R)	
1 semester (5 semester periods)	Grades 10-12

This one-semester course is designed to help all students gain appreciation for a healthy lifestyle. Students are motivated to become responsible for their own health as they learn the connection between establishing good health habits now and enjoying their lives in the future.

MATHEMATICS

ALGEBRA I	
Mathematics (R)	
2 semesters (10 semester periods)	Grades 9-12

This course has elements of a transition from the traditional Algebra I course toward a more integrated curriculum with connections to geometry, statistics and probability, and real-world problem solving. Topics include patterns and geometric figures, data manipulation, graphs, real numbers, equations and inequalities, matrices, polynomial operations, graph variations, and functions.

GEOMETRY
Mathematics (R E)
2 semesters (10 semester periods) Grades 10-12
PREREQUISITE: Satisfactory grade in Algebra I

This course integrates some algebra and trigonometry and introduces logical structures and proofs. Students will be familiarized with basic geometric (Euclidean and analytic) concepts, and encouraged to make conjectures and use reasoning as problem solving tools. Topics include free standing and coordinate geometric shapes and patterns measurement, transformations, some trigonometry, angles, parallel lines and triangles in proofs, and symmetry.

GEOMETRY - Honors
Mathematics (R E)
2 semesters (10 semester periods) Grades 10-12
PREREQUISITE: Satisfactory grade in Algebra I

This honors course covers the regular Geometry curriculum, and explore these topics on a deeper level. Topics include working in three or more dimensions, looking at historical influences on Geometry, and investigating new types of math such as Chaos Theory and Non-Euclidean Geometry.

ALGEBRA II
Mathematics (R E)
2 semesters (10 semester periods) Grades 10-12
PREREQUISITE: Satisfactory grade in Geometry

This course has elements of a transition from the traditional course toward a more integrated curriculum including circular functions, the underpinning of calculus, discrete mathematics such as matrices, probability and statistics, and real-world problem solving. Topics include number properties, solving and graphing linear equations and inequalities, quadratic equations, functions, polynomials, matrices, complex numbers, exponential and logarithmic functions, sequences and series, and rational expressions.

ALGEBRA II - Honors
Mathematics (R E)
2 semesters (10 semester periods) Grades 10-12
PREREQUISITE: Satisfactory grade in Geometry

This course has elements of a transition from the traditional course toward a more integrated curriculum including circular functions, the underpinning of calculus, discrete mathematics such as matrices, probability and statistics, and real-world problem solving. Topics include number properties, solving and graphing linear equations and inequalities, quadratic equations, functions, polynomials, matrices, complex numbers, exponential and logarithmic functions, sequences and series, and rational expressions.

PRE-CALCULUS
Mathematics (E)
2 semesters (10 semester periods) Grade 12
PREREQUISITE: Satisfactory grade in Algebra II

Pre-Calculus is an enrichment course recommended for college-bound students. It is not a course in Trigonometry and Analytic Geometry per se but includes most aspects of standard high school mathematics through Algebra 2 and introduces a light treatment of topics from introductory calculus, such as, concepts of continuity, limits, and derivatives of algebraic functions.

CALCULUS
Mathematics (E)
2 semesters (10 semester periods) Grade 12
PREREQUISITE: C+ or above Algebra II & Pre-Calculus

Calculus is an enrichment elective math course recommended for college-bound students. It is a course that introduces the student to the math concepts of differentiation and integration. The study of inverse functions, integration by parts, partial fractions, trigonometric substitutions, surfaces of revolution, volumes, centroids, infinite series, and Taylor expressions are examples of topics covered. Graphing calculators and mathematical software tools are used extensively.

SURVEY OF MATH
Mathematics (E)
2 semesters (10 semester periods) Grade 12

This class will cover several diverse topics in mathematics, such as personal finance, taxes, probability, statics, and number theory. It will also include a review of basics algebra and geometry concepts

PHYSICAL EDUCATION (P. E.)

PHYSICAL EDUCATION I, II, & III
Physical Education (R)
2 semesters (10 semester periods) Grades 9-12

Fundamental games and game skills are taught through promotion of health, fitness and motor coordination activities during the freshman and sophomore years. All students are required to dress in a designated uniform at class time. This course is required unless a physician's exemption is received

RELIGION

RELIGION I
Religion (R)
2 semesters (10 semester periods) Grade 9

The textbook, In the Beginning God, provides an in-depth study of the development and purpose of the Bible and how God's love and character are demonstrated through creation,

redemption, and in human relationships. The second textbook, *God's Gift/Your Choice*, presents an overview of the significance of the life and times, the ministry, and the death and resurrection of Jesus as revealed in the four Gospels of the New Testament with an examination of the life of Jesus and the principles that helped to establish Christianity as a major world religion.

RELIGION II	
Religion (R)	
2 semesters (10 semester periods)	Grade 10

During first semester the emphasis is a study of the redemptive history of God's chosen people, beginning with the exodus, through the inter-testament time, and concluding with the New Testament Church. Second semester the focus is on the history of the Christian Church from 70 AD to the present time, concluding with a study of the rise and development of the Seventh-day Adventist Church.

RELIGION III	
Religion (R)	
2 semesters (10 semester periods)	Grade 11

A study is made of the books of Romans, Daniel and Revelation to discover relevant truths for today's youth. Seventh-day Adventist doctrines with an emphasis given to their role in the church: prophecy, the three angels' message, Sabbath, the second coming of Jesus, and the state of the dead are studied.

RELIGION IV FAMILY LIVING	
Religion (R)	
2 semesters (10 semester periods)	Grade 12

A class that emphasizes Biblical principles in making the major decisions of life that each person must make -- education and career, friendships, romance and marriage, life-style goals, and spiritual commitment. In addition, there is an introductory study of worldviews, religious movements, contemporary denominations, cults, and world religions, as viewed from a biblical perspective. The course is also designed to provide assistance in the development of a biblical philosophy of life and to deal with contemporary moral and ethical issues within the context of biblical principles.

SCIENCE

PHYSICAL SCIENCE	
Science (R E)	
2 semesters (10 sem. periods/lab course)	Grades 9-12

This course provides an introduction to Physics and Chemistry. Students will cover topics of energy, motion, nature of matter, chemical equations. The course will be enriched with teacher demonstrations and planned lab activities.

BIOLOGY	
Science (R)	
2 semesters (10 sem. periods/lab course)	Grades 10-12

This is a general study of plant and animal life from a Biblical creationist perspective. Major topics are cell structure and function, genetics and heredity, classification, the history of life on earth and ecology. Daily emphasis is on building vocabulary, critical thinking skills and personal responsibility. Biology requires laboratory participation

BIOLOGY - Honors	
Science (R)	
2 semesters (10 sem. periods/lab course)	Grades 10-12
This is a general study of plant and animal life from a Biblical creationist perspective. Major topics are cell structure and function, genetics and heredity, classification, the history of life on earth and ecology. Additional units include marine biology and biotechnology. Building vocabulary, required reading and personal responsibility will be part of the daily coursework. This course will prepare students for college by emphasizing scientific writing, lab work and critical thinking skills. Participation in laboratory sessions is required.	

CHEMISTRY	
Science (R E)	
2 semesters (10 sem. periods/lab course)	Grades 10-12
PREREQUISITE: C or above in Algebra I	

This course is planned to meet the needs of the students who plan to continue studies in the sciences at college. Early emphasis is placed on problem solving and continued thereafter. Familiarity with the periodic table is developed as units on the language of chemistry, chemical reactions, organic chemistry, nuclear chemistry and other topics are presented. As an integral part of the curriculum, safety is stressed in the required weekly laboratory and modeled and discussed in classroom demonstrations. A good understanding of mathematics and willingness to study diligently are essential. Laboratory sessions are required.

ANATOMY & PHYSIOLOGY	
Science (R E)	
1 semester (5 semester periods/lab course)	Grades 11-12
PREREQUISITE:	

Anatomy & Physiology is an elective course that studies the structure and function of the human body. Emphasis is placed on homeostatic mechanisms, the role of chemistry, levels of organization, cytology, histology, organ systems, disease and dysfunction. It is a laboratory course designed for students interested in health careers. Participation in field studies and trips is required. Laboratory sessions are required.

MARINE BIOLOGY	
Science (R E)	
1 semester (5 semester periods/lab course)	Grades 11-12
PREREQUISITE:	

A generalized study of marine life from a creationist perspective. Some major topics are phytoplankton, marine plants, and diversity of marine animals including protozoan, invertebrates, chordates, benthic communities, and the

pelagic realm. Emphasis is given to building vocabulary, critical thinking skills, and cooperative learning. Participation in field studies and trips is required. Laboratory sessions are required.

PHYSICS
Science (R E)
2 semesters (10 sem. periods/lab course) Grades 11-12
PREREQUISITE: Satisfactory grade in Algebra I

A conceptual approach is studied into the laws of matter, energy, and natural science on the college preparatory level. Special emphasis on problem solving, demonstrations and student experiments in a laboratory setting will be utilized. Topics include force, motion, radioactivity, heat, light, sound, electric current, and machines that apply these phenomena. A good understanding of mathematics and willingness to study diligently are essential. Laboratory sessions are required. Honors credit is available, based upon completion of additional requirements.

SOCIAL STUDIES

ECONOMICS
Social Studies Business Education (R E)
1 semester (5 semester periods) Grade 12

The course is designed to create an understanding of various principles of economics and serve as a guide to the daily financial world on a micro and a macro level, as well as on a national and global basis.

WORLD HISTORY
Social Studies (R E)
2 semesters (10 semester periods) Grades 10-12

A survey of ancient, medieval and modern history directed toward understanding the backgrounds of current nations, present-day cultures and conditions, and the development of God's purposes for men.

WORLD HISTORY
Social Studies (R E)
2 semesters (10 semester periods) Grades 10-12

An advanced course that will survey ancient, medieval and modern history directed toward understanding the backgrounds of current nations, present-day cultures and conditions, and the development of God's purposes for men.

UNITED STATES HISTORY
Social Studies (R)
2 semesters (10 semester periods) Grade 11

A survey course covering the development of the United States from discovery to the present. The course includes the geography of America and the people and ideas significant to America's history.

HONORS UNITED STATES HISTORY
Social Studies (R)
2 semesters (10 semester periods) Grade 11

An in depth survey course covering the development of the United States from discovery to the present. The course includes in depth primary and secondary research regarding the geography, people, and ideas that are significant to the history of America.

U. S. GOVERNMENT
Social Studies (R)
1 semester (5 semester periods) Grades 12

This course will offer a concentrated look at the three branches of the federal government and their affect upon Americans with special emphasis on current events and politics.

HONORS U. S. GOVERNMENT
Social Studies (R)
1 semester (5 semester periods) Grades 12

An advanced course which will study the specific responsibilities and actions of the three branches of the federal government. The course will specifically focus on politics and current events as related to the branches of government and the political parties.

MODERN HAWAIIAN HISTORY
Social Studies (R)
1 semester (5 semester periods) Grade 12

This course covers Hawaiian history from ancient Hawaiian civilization, the overthrow of the monarchy, to the present time. Political, economic and social changes and developments are examined as they influence the future growth of Hawaii.

HONORS MODERN HAWAIIAN HISTORY
Social Studies (R E)
1 semesters (5 semester periods) Grade 12

An advanced course which will cover Hawaiian history from ancient Hawaiian civilization, the overthrow of the monarchy, to the present time. Political, economic and social changes and developments are examined as they influence the future growth of Hawaii.

