

Taiwan Adventist International School

No. 39, Chunwen Lane, Yuchih • Nantou County 555, Taiwan
049-2899778 • www.tais.tw • info@tais.tw

High School Course Descriptions

Business and Secretarial

Keyboarding (5 Credit Units)

A skill-building course that stresses good technique. The student works towards goals that develop speed and accuracy while learning to type letters, reports, tables, and forms. Skills taught in the course are valuable for use in school, office, or home and may be applied to computer keyboarding. (6 submissions, 2 exams)

Topics: Business and personal letters, business forms, tables, reports, applications and résumés, research papers.

Word Processing for Windows (5 Credit Units)

Prerequisite: Student must have basic keyboarding skills. In this course the student will learn through step-by-step practical experience how to use WordPerfect 8.0. The lessons in this course are designed to be self-paced—the student will read, work on the problems, and learn as the student proceed through the training. (16 submissions, 2 exams)

Topics: Editing, rearranging, creating columns, tables, spell checking, using the thesaurus, search and replace, footnoting, using graphics, creating a brochure.

English

English I (10 Credit Units)

An introduction to the elements of good writing, particularly as demonstrated in literary forms such as the short story, play, and poem. Students develop essential language skills by studying sentence structure and style, and writing paragraphs and short compositions. A dictionary is required. (36 submissions, 4 exams)

Topics: Narration, exposition, description, argumentation, punctuation, usage, spelling, sentence and paragraph structure.

English II (10 Credit Units)

Prerequisite: English I or equivalent.

Personal experiences, interests, and opinions serve as a springboard to writing. English II helps students polish skills learned in English I. Literary models provide stimulating examples of paragraph unity and sophisticated word choice. Students are required to write a research paper. (36 submissions, 4 exams, 1 paper)

Topics: Grammar, sentence and paragraph structure, organizing compositions, the research paper.

American Literature (10 Credit Units)

A study of the leading American authors from colonial days to the present, with attention to the times in which they lived and the changes in literary thought that affected their work. Practice in composition is provided, and the ability to analyze literary works is stressed. (36 submissions, 4 exams)

Topics: Puritanism, Deism, the Neoclassical Movement, the Romantic Movement, Realism and Naturalism, Expressionism.

English Literature (10 Credit Units)

A study of the major English writers in the context of historical time periods. Composition practice is included, chiefly within the framework of the analysis of literary works. (36 submissions, 4 exams)

Topics: The Anglo-Saxon, Medieval, and Renaissance eras; Puritan, Cavalier, and metaphysical poetry; the Enlightenment; the Romantic, Victorian, and Modern eras.

Structure of Writing (5 Credit Units)

A thorough study of the fundamentals of grammar and usage provides a basis for sharpening writing skills. Includes numerous short writing assignments. (14 submissions, 2 exams)

Topics: Vocabulary; spelling; coordination; subordination; simple, compound, and complex sentences; paragraphing.

Fine Arts

Art History (10 Credit Units)

This course introduces the student to painting, sculpture, and architecture from ancient times to the twentieth century. Students also learn to develop an eye for technique. (32 submissions, 4 exams)

Topics: Greek and Roman art, Renaissance painting and sculpture, Baroque and Neoclassical art, Impressionism, Expressionism, Abstract art.

Music Appreciation (10 Credit Units)

The development of a basic understanding of music and a training for sensitivity in music listening. (8 submissions, 4 exams)

Topics: Listening to music; the orchestra; Renaissance, Baroque, Classical, Romantic, and Contemporary periods of music.

Health

Health (5 Credit Units)

The student becomes aware of the importance of mental, social, physical, and environmental health. The student explores how choices and behavior affect the components of good health. (14 submissions, 2 exams)

Topics: Stress, relationships, public health, nutrition, body structure and systems, the human life cycle, substance abuse, diseases and disorders, safety.

Social Studies

Geography (10 Credit Units)

As the student work through this course, the student will be introduced to the terms used to describe both human and physical geography. The student will learn about the different countries of the world, their languages, religions, political systems, and economics, as well as landforms such as mountain ranges and major rivers. (36 submissions, 4 exams)

Topics: North America, Latin America, Europe, Northern Eurasia, Asia, Africa, the Pacific, Antarctica.

World History (10 Credit Units)

A careful and thought-provoking overview of world history from ancient times to the twentieth century. The student will study the great issues, inventions, figures, and ideas that made the past and shaped the present. (35 submissions, 4 exams)

Topics: The ancient world, the development of the major religions, the Renaissance and Reformation, the world wars.

American History (10 Credit Units)

An in-depth examination of the founding and development of the United States. Students will follow the growth of America from a handful of colonies to one of the world's most powerful nations. (16 submissions, 4 exams)

Topics: The Europeans in North America, the Revolutionary War, manifest destiny, the Civil War, the Industrial Revolution, the United States in the twentieth century.

American Government (10 Credit Units)

A comprehensive survey of the operation of federal, state, county, and city governments.

The course examines all aspects of government: statute making, diplomacy, labor policies, public finance, etc. Emphasis is placed on the work of the government in promoting the interests of the people and in addressing itself to current topics. (8 submissions, 4 exams)

Topics: The Constitution; civil rights and equality; the legislative, judicial, and executive branches; the Federal Reserve System; foreign policy.

Mathematics

Pre-Algebra (10 Credit Units)

Pre-Algebra is designed to sharpen the student's arithmetic skills and introduce the abstract concepts that will be used in Algebra I. A calculator will be used throughout the course. (26 submissions, 4 exams)

Topics: Number patterns, order of operations, equations, evaluating expressions with variables, formulas, polygons, inequalities, absolute value, exponents, scientific notation, fractions, and more.

Algebra I–Part I (10 Credit Units)

This course is designed to lead the student at a slightly slower pace through the concepts of elementary algebra. (16 submissions, 4 exams)

Topics: Real numbers, solving equations and problems, polynomials, fractions.

Algebra I–Part II (10 Credit Units)

Prerequisite: First semester of Algebra I or Algebra I–Part I.

This course is designed to lead the student at a slightly slower pace through the concepts of elementary algebra. It continues where Algebra I–Part I left off. (14 submissions, 4 exams)

Topics: Applying fractions, functions, systems of linear equations, inequalities, rational and irrational numbers, quadratic functions.

Algebra I (10 Credit Units)

A course designed to lead the student through elementary algebra step by step. Students learn the fundamental algebraic operations that are the foundation of all mathematics.

Prerequisite for Semester 2: The student must have demonstrated above average work (B or above) in a first-semester resident course in order to enroll in the second semester only. (12 submissions, 4 exams)

Topics: Real numbers, solving equations and problems, polynomials, fractions, functions, systems of linear equations, inequalities, rational and irrational numbers, quadratic functions.

Geometry (10 Credit Units)

Prerequisite: Algebra I.

The student is introduced to the principal concepts of geometry and is prepared for courses in higher mathematics. (14 submissions, 4 exams)

Topics: Lines, planes, triangles, circles, constructions, measuring solid figures, coordinates, theorems, proofs.

Algebra II (10 Credit Units)

Prerequisite: Algebra I.

This course carries the advanced student further into the field of mathematics as he or she begins to apply skills taught in Algebra I. (36 submissions, 4 exams)

Topics: Linear, quadratic, and simultaneous equations; laws of exponents; progression; binomial theorem; logarithms.

Religion

Bible I (10 Credit Units)

The goal of the Crossroad Series is to lead people to the loving and redeeming God of Scripture. His self-revelation has its focus and fulfillment in the life, death, resurrection, and intercession of Jesus Christ. His substitutionary death on the Cross is the sole basis of Christian assurance. With Christ as Savior and Lord, each believer is enabled, through the Holy Spirit, to experience a life of worship, growth, and service. Each one is then eager to proclaim and stand ready for His return. (35 submissions, 4 exams)

Topics: God's Word and the student's life, God's gifts—creation and salvation, God and the human family, Jesus and His world, His kingdom, His people, the Cross.

Bible II (10 Credit Units)

Traces the history of the church from Old Testament times and the early Christian believers to modern times, revealing how God's overall plan and purpose have been carried out in the affairs of nations. This course is part of the Crossroad Series. (22 submissions, 4 exams)

Topics: Moses and the children of Israel, the Decalogue, the prophets, the early Christian Church, God's remnant church.

Bible III—Breakthrough With God’s Word (10 Credit Units)

The steps in becoming a follower of Christ and the dynamics of Christian growth and living are studied in the writings of Paul and others. The Bible becomes an indispensable companion and guidebook in the student’s search for truth. This course is part of the Breakthrough Teen Series. (36 submissions, 4 exams)

Topics: Living the Christian life, faith, love, obedience, Bible prophecies, Christ our High Priest, law and grace, the soul and spirit.

Bible IV—Breakthrough With God’s World (10 Credit Units)

Counsel for the maturing the person as decisions are faced regarding college or vocational school, a career, and marriage. The importance of healthy self-concept is stressed as essential to making responsible choices. This course is a part of the Breakthrough Teen Series. (36 submissions, 4 exams)

Topics: Self-realization, career planning, witnessing, handling finances, marriage.

Sciences

Physical Science (10 Credit Units)

Physical Science is the study of physics and chemistry. It is an introductory science course—one that will introduce the student to the topics listed below. (32 submissions, 4 exams)

Topics: Energy, sound, light, matter, elements, compounds, solutions, chemical reactions.

Earth Science (10 Credit Units)

An introductory course that surveys the basic physical sciences. Students are introduced to the natural laws that form the building blocks of all sciences. (34 submissions, 4 exams)

Topics: Geology, biology, meteorology, oceanography, astronomy, physics, creation vs. evolution.

Biology (10 Credit Units)

An introductory course that surveys the structure, function, classification, and inter-relationships of living organisms. This course takes a creationist stance but discusses the theory of evolution. (36 submissions, 4 exams)

Topics: Forms, functions, and groupings of flora and fauna, human physiology, ecology.

Chemistry (10 Credit Units)

This is an introductory course covering chemical theory and descriptive chemistry, with emphasis on the structure and periodicity of the elements. Concepts are reinforced with numerous simple lab experiments. (36 submissions, 4 exams)

Topics: Chemical energetics, measurement, structure of atoms, bonding, stoichiometry, gases, ionization, hydrocarbons, oxidation, reduction.

Physics (1 Unit)

An introductory, qualitative course in the physics of motion, properties of matter, electromagnetism, and light. The course progresses in historical sequence from the discoveries of Galileo and Newton through the classical physics of electricity, magnetism, and light to the insights of modern physics and relativity. Emphasis is on explanation rather than calculation. The course will prepare the student for introductory, quantitative (algebra/calculus-based) physics at the college level. (24 submissions, 4 exams)

Topics: Motion, energy, gases and liquids, atoms, waves and vibrations, sound, electric current, magnetism, light.