



Southwest
Christian
School

Approved Courses for Dual-Enrollment with Southwest Christian School 2019-2020

Courses offered through LeTourneau University

History:

HIST 2113: American History to 1865 (3 hours- fall):

A general survey of the establishment and growth of the American nation from the colonial period to the end of the Civil War. Covers the social, political, economic, and cultural life of the new nation, giving particular stress to the reasons behind the near dissolution of the Union.

HIST 2123: American History from 1865 (3 hours- spring):

A continuation of the survey of American life beginning with the reconstruction period and extending to the present. Political, economic, diplomatic, and military history are covered along with the contributions of minority groups.

World Language:

CHIN 1113 Elementary Chinese I (3 hours- fall):

A basic beginning semester course for students with no previous study of Chinese. Emphasis on speaking, writing, reading, and listening, as the basis for the development of all three Communication Modes (Interpersonal, Interpretive, and Presentational). Chinese cultures will be introduced through a variety of texts, including readings, music, art, and film.

CHIN 1123 Elementary Chinese II (3 hours- spring):

For students with the equivalent of one semester of previous study of Chinese. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Chinese. Chinese cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Elementary Chinese I ([CHIN 1113](#)) and II ([CHIN 1123](#)), students should be able to engage in everyday conversations with native speakers, and

read straightforward texts, both fiction and nonfiction, with relative ease. Prerequisite: Elementary Chinese I ([CHIN 1113](#)) or equivalent.

CHIN 2113 Intermediate Chinese I (3 hours- fall):

For students with the equivalent of two semester of previous study of Chinese. An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Chinese.

Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multimedia projects to acquaint students with cultural issues relevant to the Chinese-speaking world. Prerequisite: Elementary Chinese II ([CHIN 1123](#)) or equivalent.

CHIN 2123 Intermediate Chinese II (3 hours- spring):

For students with the equivalent of three semester of previous study of Chinese. A continuation of Intermediate Chinese I, aimed to reinforce the practice of oral and written communication in Chinese through topics in contemporary cultural materials from China. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. Along with in-class discussions, course work involves grammar review and practice in writing.

Prerequisite: Intermediate Chinese I ([CHIN 2113](#)) or equivalent.

SPAN 1113 Elementary Spanish I (3 hours- fall):

A basic beginning semester course for students with no previous study of Spanish. Emphasis on speaking, writing, reading, and listening, as the basis for the development of all three Communication Modes (Interpersonal, Interpretive, and Presentational). Hispanic cultures will be introduced through a variety of texts, including readings, music, art, and film.

SPAN 1123 Elementary Spanish II (3 hours- spring):

For students with the equivalent of one semester of previous study of Spanish. Emphasis on strengthening students' interpersonal, interpretive, and presentational skills in both oral and written Spanish. Hispanic cultures are presented through a variety of authentic texts, including short pieces of literature, essays, and newspaper articles. Music, art, and film are also included. After Elementary Spanish I (SPAN 1113) and II (SPAN 1123), students should be able to engage in everyday conversations with native speakers, and read straightforward texts, both fiction and nonfiction, with relative ease.

SPAN 2113 Intermediate Spanish I (3 hours- fall):

For students with the equivalent of two semester of previous study of Spanish. An intermediate language and culture class that aims to consolidate and expand the skills of listening comprehension, speaking, reading and writing in Spanish. Includes a comprehensive review of the grammar and reinforces linguistic acquisition through texts, movies, art and multimedia projects to acquaint students with cultural issues relevant to the Spanish-speaking world.

SPAN 2123 Intermediate Spanish II (3 hours- spring):

For students with the equivalent of three semester of previous study of Spanish. A continuation of Intermediate Spanish I, aimed to reinforce the practice of oral and written communication in Spanish through topics in contemporary cultural materials from Spain and Latin America. Students will focus on improving proficiency, refining pronunciation and acquiring vocabulary. Along with in-class discussions, course work involves grammar review and practice in writing.

Courses offered through Colorado Christian University

English:

ENG 102 English Composition (3 hours- fall):

Effective use of the English language and exploration of rhetorical modes in written composition. Review of structure, purpose, and audience awareness in developing essays.

ENG 201 Introduction to Literature (3 hours- spring):

Understand, experience, and evaluate poetry, short fiction, essays, and drama genres, both American and multinational.

ENG 203 American Literature II (3 hours- spring):

Representative stories, poems, and drama in American literature from the Civil War to the present. Nontraditional ethnic and women's voices included. Emphasis on interpretation and criticism of American literature.

ENG 204 British Literature I (3 hours- fall):

Surveys the history of literature in Britain until 1800 and representative works by influential writers of the periods contained therein.

History:

HIS 201 World Civilization I (3 hours- fall):

Greek, Roman, Judeo-Christian, and Oriental traditions to 1517 that shaped the modern world; emphasis on the history of Western civilization.

HIS 185 Western Civilization (3 hours- spring):

The spiritual values and intellectual achievements of ancient Israel, Greece, Rome, the Middle Ages, the Renaissance, and Reformation that gave birth to the modern world.

Mathematics:

MAT 111 College Algebra (3 hours- yearlong):

Set theory, real and complex number system, quadratic equations, quadratic formula, equations involving radicals, inequalities, graphs of quadratic and rational functions, logarithmic functions, exponential functions, theory of equations, matrices and determinants, and mathematical induction.

MAT PreCalculus (3 hours- yearlong):

A study of polynomial, exponential, logarithmic, and rational functions, systems of equations and inequalities, sequences, series, and analytic geometry, including a review of algebra.

MAT 141 Calculus I (3 hours- yearlong):

Derivatives of polynomial and trigonometric functions, applications of the derivative, the definite integral, the fundamental theorems of calculus, and applications of integration.

MAT 212 Probability and Statistics (3 hours- yearlong):

An introduction to statistics analysis. Descriptive and inferential statistics and attendant research designs will be considered.

Political Science/Government:

POL 207 Political Science (3 hours- fall) *approval pending*:

The legal foundations of our local, state and national governments. Topics include the constitutional framework, the branches of government, policy formation, political parties, interest groups, civil rights and liberties, political participation, and the formation of public opinion.

Economics:

ECO 215 Economics (3 hours- spring) *approval pending*:

Fundamental principles of economics. Market economy, national fiscal and monetary policies, employment, inflation, and other topics at the discretion of the instructor.

Science:

BIO 101/111 Biological Life/Lab (4 hours- fall):

Life processes common to plants and animals, cell structure and function. Introduction to genetics, biochemistry, and development.

BIO 201/211 Human Anatomy & Physiology I/Lab (4 hours- yearlong):

Structure and function of the skeletal, muscular, and nervous systems.

PHY 105/106 Environmental Science/Lab (4 hours- spring):

An exploration of environmental issues including population growth, energy use, global climate change, air-water-solid waste pollution, resources, stewardship, solutions and sustainability. Through readings, lecture, and discussion we will examine geological, biological, chemical, economic, political, and social aspects of environmental issues on personal, local, national, and global scales.

Courses offered through The University of Texas

ES 301 Engineering Design and Problem Solving (3 hours- yearlong)

Engineer Your World is a one-year high school engineering curriculum developed by the Cockrell School of Engineering at the University of Texas at Austin in collaboration with the National Science Foundation and NASA. This hands-on, project-based course emphasizes the historic achievements and contemporary challenges of engineers, the engineering design process, and the skills and habits of mind that engineers find most essential in their work.