



Southwest Christian School

Approved Courses for Dual-Enrollment with Southwest Christian School 2021-2022

Courses offered through LeTourneau University

English:

ENGL 1013 English Composition (3 hours- fall):

A study of rhetoric and effective writing processes. Emphasis on expository and evaluative writing.

ENGL 1023 English Composition II (3 hours- spring):

A study of argumentation/logic and writing for the professions with an emphasis on using the personal computer to plan, draft, and revise written projects. Each student is required to write a fully documented research paper and give oral presentations in class.

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.

Science:

BIOL 2011/2013 Human Anatomy & Physiology I/Lab (4 hours- yearlong):

The structure and function of the human body. A study of structure and integrated functions at the cellular, tissue, organ, and system levels of organization. Systems studies include: integumentary, skeletal, muscular, and nervous. Laboratory work will include the use of charts and models, microscopic studies, small animal dissections, and physiological experiments.

World Language:

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

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 185 Western Civilization (3 hours- fall):

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.

HIS 186 The Birth of the Modern World (3 hours- spring):

A study of the political, social, economic, intellectual, and religious developments in Europe from the 16th century and the impact of the West as it expanded its influence around the 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 115 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 Statistics (3 hours- yearlong):

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

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.