

## EFFECTIVE FALL 2016

### Core Curriculum Course Requirements (42 Credit Hours)

#### COMMUNICATIONS FOUNDATIONAL COMPONENT AREA (6 Credit Hours)

Courses in this category focus on developing ideas and expressing them clearly, considering the effect of the message, fostering understanding, and building the skills needed to communicate persuasively. Courses involve the command of oral, aural, written, and visual literacy skills that enable people to exchange messages appropriate to the subject, occasion and audience.

ENGL 1301	Composition I
ENGL 1302	Composition II
ENGL 2311	Technical and Business Writing (single-semester course)
SPCH 1311	Introduction to Speech Communication
SPCH 1315	Public Speaking
SPCH 1321	Business and Professional Communication

#### MATHEMATICS FOUNDATIONAL COMPONENT AREA (3 Credit Hours)

Courses in this category focus on quantitative literacy in logic, patterns and relationships. Courses involve the understanding of key mathematical concepts and the application of appropriate quantitative tools to everyday experience.

MATH 1314	College Algebra (3 SCH Version)
MATH 1316	Plane Trigonometry
MATH 1324	Mathematics for Business and Social Sciences
MATH 1325	Calculus for Business and Social Sciences (3 SCH Version)
MATH 1332	Contemporary Mathematics I (Math for Liberal Arts Majors I)
MATH 1342	Elementary Statistical Methods (3 SCH Version, freshman level)
MATH 2342	Elementary Statistical Methods (3 SCH Version, sophomore level)
MATH 2413	Calculus I (4 SCH Version)

#### LIFE AND PHYSICAL SCIENCES FOUNDATIONAL COMPONENT AREA (6 Credit Hours)

Courses in this category focus on describing, explaining and predicting natural phenomena using the scientific method. Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

BIOL 1308	Biology for Non-Science Majors I (lecture + lab)
BIOL 1309	Biology for Non-Science Majors II (lecture)
BIOL 1406	Biology for Science Majors I (lecture + lab)
BIOL 1407	Biology for Science Majors II (lecture + lab)
BIOL 1408	Biology for Non-Science Majors I (lecture + lab)
BIOL 1409	Biology for Non-Science Majors II (lecture + lab)
BIOL 1414	Introduction to Biotechnology I
BIOL 2401	Anatomy and Physiology I (lecture + lab)
BIOL 2402	Anatomy and Physiology II (lecture + lab)
BIOL 2404	Anatomy and Physiology II (specialized, single-semester course, lecture + lab))
CHEM 1405	Introductory Chemistry I (lecture + lab)
CHEM 1406	Introductory Chemistry I (lecture + lab, allied health emphasis)
CHEM 1407	Introductory Chemistry II (lecture + lab)
CHEM 1411	General Chemistry I (lecture + lab)
CHEM 1412	General Chemistry II (lecture + lab)
GEOL 1301	Earth Sciences for Non-Science Majors I (lecture)
GEOL 1303	Physical Geology (lecture)
GEOL 1304	Historical Geology (lecture)

GEOL 1345	Oceanography (lecture)
GEOL 1404	Historical Geology (lecture + lab)
PHYS 1303	Stars and Galaxies (lecture)
PHYS 1305	Elementary Physics I (lecture)
PHYS 1401	College Physics I (lecture + lab)
PHYS 1402	College Physics II (lecture + lab)
PHYS 2425	University Physics I (lecture + lab)
PHYS 2426	University Physics II (lecture + lab)

### **LANGUAGE, PHILOSOPHY AND CULTURE FOUNDATIONAL COMPONENT AREA (3 Credit Hours)**

Courses in this category focus on how ideas, values, beliefs and other aspects of culture express and affect human experience. Courses involve the exploration of ideas that foster aesthetic and intellectual creation in order to understand the human condition across cultures.

ENGL 2321	British Literature (single-semester course)
ENGL 2322	British Literature I
ENGL 2323	British Literature II
ENGL 2326	American Literature (single-semester course)
ENGL 2327	American Literature I
ENGL 2328	American Literature II
ENGL 2332	World Literature I
ENGL 2333	World Literature II
ENGL 2341	Forms of Literature (single-semester course)
ENGL 2351	Mexican-American Literature
PHIL 1301	Introduction to Philosophy
PHIL 2306	Introduction to Ethics
PHIL 2307	Introduction to Social and Political Philosophy
PHIL 2318	Nineteenth- and Twentieth-Century Philosophy (scheduled for deletion Spring 2016)
PHIL 2321	Philosophy of Religion

### **CREATIVE ARTS FOUNDATIONAL COMPONENT AREA (3 Credit Hours)**

Courses in this category focus on the appreciation and analysis of creative artifacts and works of the human imagination. Courses involve the synthesis and interpretation of artistic expression and enable critical, creative and innovative communication about works of art.

ARCH 1301	Architectural History I
ARCH 1302	Architectural History II
ARTS 1301	Art Appreciation
ARTS 1303	Art History I (Prehistoric to the 14th Century)
ARTS 1304	Art History II (14th Century to the present)
DANC 2303	Dance Appreciation I (may also be single-semester course)
DRAM 1310	Introduction to Theatre
DRAM 2361	History of Theatre I
DRAM 2366	Introduction to Cinema
ENGL 2307	Creative Writing I
HUMA 1301	Introduction to Humanities I
HUMA 1305	Introduction to Mexican-American Studies
HUMA 1311	Mexican-American Fine Arts Appreciation
MUSI 1306	Music Appreciation
MUSI 1307	Music Literature (single-semester course)
MUSI 1310	American Music

### **AMERICAN HISTORY FOUNDATIONAL COMPONENT AREA (6 Credit Hours)**

Courses in this category focus on the consideration of past events and ideas relative to the United States,

with the option of including Texas History for a portion of this component area. Courses involve the interaction among individuals, communities, states, the nation, and the world, considering how these interactions have contributed to the development of the United States and its global role.

HIST 1301	United States History I
HIST 1302	United States History II
HIST 2327	Mexican-American History I
HIST 2328	Mexican-American History II

### **GOVERNMENT/POLITICAL SCIENCE FOUNDATIONAL COMPONENT AREA (6 Credit Hours)**

Courses in this category focus on consideration of the Constitution of the United States and the constitutions of the states, with special emphasis on that of Texas. Courses involve the analysis of governmental institutions, political behavior, civic engagement, and their political and philosophical foundations.

GOVT 2305	Federal Government (Federal Constitution and Topics)
GOVT 2306	Texas Government (Texas Constitution and Topics)

### **SOCIAL AND BEHAVIORAL SCIENCES FOUNDATIONAL COMPONENT AREA (3 Credit Hours)**

Courses in this category focus on the application of empirical and scientific methods that contribute to the understanding of what makes us human. Courses involve the exploration of behavior and interactions among individuals, groups, institutions and events, examining their impact on the individual, society and culture.

ANTH 2302	Introduction to Archaeology
ANTH 2346	General Anthropology
ARCH 1311	Introduction to Architecture (3 SCH Version)
COMM 1307	Introduction to Mass Communication
ECON 2301	Principles of Macroeconomics
ECON 2302	Principles of Microeconomics
GEOG 1303	World Regional Geography
GOVT 2311	Mexican-American Politics
HIST 2311	Western Civilization I
HIST 2312	Western Civilization II
PSYC 2301	General Psychology
SOCI 1301	Introductory Sociology
SOCI 1306	Social Problems
SOCI 2301	Marriage and the Family
SOCI 2319	Minority Studies
TECA 1354	Child Growth and Development

### **COMPONENT AREA OPTION (6 Credit Hours)**

**NOTE:** At least 3 credits of Component Area Option must be chosen from the 8 Foundational Component Areas. Up to 3 credits may be chosen from Component Area Option list. Courses may count for Foundational Component Area hours or Component Area Option hours, but not both.

BIOL 1108	Fundamentals of Cell Biology Laboratory
BIOL 1109	Diversity and Environment Laboratory
KINE 1238	Introduction to Physical Fitness and Sport
GEOL 1103	Physical Geology (lab)
GEOL 1104	Historical Geology (lab)

Core Objectives. Through the Texas Core Curriculum, students will prepare for contemporary challenges by developing and demonstrating the following core objectives: