

CORE OPTIONS FOR TECHNICAL DEGREES

San Jacinto College is establishing an institutional exception to the credit hour limitation provided in the Texas Administrative Code for certain program(s). Programs/disciplines taught in an academy-type setting to emulate the standard practice in the applicable workplace, e.g., firefighting, are designed to allow intensive training to mimic the workplace and to develop skills and readiness for critical environments. Curricula for these type of programs are often structured according to regulatory agencies and may require course sequencing beyond the typical higher education pathway.

Communications

Code	Title	Credits
ENGL 1301	Composition I	3
ENGL 1302	Composition II	3
ENGL 2311	Technical and Business Writing	3

Mathematics

Code	Title	Credits
MATH 1314	College Algebra	3
MATH 1316	Plane Trigonometry	3
MATH 1324	Mathematics for Business and Social Sciences	3
MATH 1325	Calculus for Business and Social Sciences	3
MATH 1332	Contemporary Mathematics (Quantitative Reasoning)	3
MATH 1342	Elementary Statistical Methods (Statistics)	3
MATH 2318	Linear Algebra	3
MATH 2320	Differential Equations	3
MATH 2412	Pre-Calculus Math	4
MATH 2413	Calculus I	4
MATH 2414	Calculus II	4

Life and Physical Sciences (Natural Science)

Code	Title	Credits
ASTR 1303	Stars and Galaxies (lecture)	3
ASTR 1304	The Solar System (lecture)	3
BIOL 1306	Biology for Science Majors I (lecture)	3
BIOL 1307	Biology for Science Majors II (lecture)	3
BIOL 1308	Biology for Non-Science Majors I (lecture)	3
BIOL 1309	Biology for Non-Science Majors II (lecture)	3
BIOL 1311	General Botany	3
BIOL 1313	General Zoology (lecture)	3
BIOL 2301	Anatomy and Physiology I (Lecture)	3
BIOL 2302	Anatomy and Physiology II (Lecture)	3
CHEM 1305	Introductory Chemistry I (lecture)	3
CHEM 1311	General Chemistry I (lecture)	3
CHEM 1312	General Chemistry II (lecture)	3
GEOL 1301	Earth Sciences for Non-Science Majors I (lecture)	3
GEOL 1303	Physical Geology (lecture)	3

GEOL 1304	Historical Geology (lecture)	3
GEOL 1305	Environmental Science (lecture)	3
PHYS 1301	College Physics I (lecture)	3
PHYS 1302	College Physics II (lecture)	3
PHYS 2325	University Physics I (lecture)	3
PHYS 2326	University Physics II (lecture)	3

Language, Philosophy, and Culture (Humanities)

Code	Title	Credits
ENGL 2322	British Literature I	3
ENGL 2323	British Literature II	3
ENGL 2327	American Literature I	3
ENGL 2328	American Literature II	3
ENGL 2332	World Literature I	3
ENGL 2333	World Literature II	3
ENGL 2341	Forms of Literature: Literature and Film	3
ENGL 2351	Mexican American Literature	3
GEOG 1302	Human Geography	3
HIST 2321	World Civilization I	3
HIST 2322	World Civilization II	3
HUMA 1301	Introduction to the Humanities I	3
PHIL 1301	Introduction to Philosophy	3
PHIL 2306	Introduction to Ethics	3

Creative Arts (Fine Arts)

Code	Title	Credits
ARTS 1301	Art Appreciation	3
ARTS 1303	Art History I (Prehistoric to the 14th century)	3
ARTS 1304	Art History II (14th century to the present)	3
DANC 2303	Dance Appreciation	3
DRAM 1310	Introduction to Theater	3
DRAM 2366	Introduction to Cinema: Film Appreciation I	3
MUSI 1306	Music Appreciation	3
MUSI 1307	Music Literature	3
MUSI 1310	American Music	3

American History

Code	Title	Credits
HIST 1301	United States History I	3
HIST 1302	United States History II	3
HIST 2301	Texas History	3
HIST 2327	Mexican American History I	3
HIST 2328	Mexican American History II	3

Government/Political Science

Code	Title	Credits
GOVT 2107	Federal and Texas Constitutions	1
GOVT 2305	Federal Government (Federal Constitution and Topics)	3
GOVT 2306	Texas Government (Texas Constitution and Topics)	3

Social and Behavioral Sciences

Code	Title	Credits
ANTH 2302	Introduction to Archaeology	3
ANTH 2346	General Anthropology	3
ANTH 2351	Cultural Anthropology	3
ECON 2301	Principles of Macroeconomics	3
ECON 2302	Principles of Microeconomics	3
GEOG 1303	World Regional Geography	3
GOVT 2304	Introduction to Political Science	3
HIST 2311	Western Civilization I	3
HIST 2312	Western Civilization II	3
PSYC 2301	General Psychology	3
SOCI 1301	Introduction to Sociology	3
SOCI 2319	Minority Studies	3