

# CORE CURRICULUM

The following courses comprise the San Jacinto College Core Curriculum approved by the Texas Higher Educational Coordinating Board (THECB). Students pursuing an Associate of Arts (AA), Associate of Science (AS), or Associate of Arts in Teaching (AAT) degree must complete the 42 semester credit hour (SCH) Core Curriculum in the following areas: Communication (010); Mathematics (020); Life and Physical Science (030); Language, Philosophy and Culture (Humanities) (040); Creative Arts (Fine Arts) (050); American History (060); Government/Political Science (070); Social and Behavioral Sciences (080), and the Component Area Option (090). Students pursuing a technical Associate of Applied Science (AAS) degree must complete 15 SCH of general education courses chosen by the department from the nine Core Curriculum areas.

## Core Curriculum

Core Curriculum: 42 SCH of Core courses including EDUC 1100 Learning Framework.

| Code  | Title  | Credits |
|---|--|---------|
| <b>Communication (010)</b>  |  |         |
| Select two of the following courses for 6 SCH:  |  | 6       |
| ENGL 1301   | Composition I  |         |
| ENGL 1302   | Composition II   |         |
| ENGL 2311   | Technical and Business Writing                                 |         |
| <b>Mathematics (020)</b>  |  |         |
| If you select a 4 SCH MATH course, the overflow hour may be accounted for in the Component Area Option of the Core or in the Transfer Path. |  |         |
| Select one of the following courses for 3 SCH:  |  | 3       |
| MATH 1314   | College Algebra  |         |
| MATH 1316   | Plane Trigonometry   |         |
| MATH 1324   | Mathematics for Business and Social Sciences <sup>1</sup>      |         |
| MATH 1325   | Calculus for Business and Social Sciences <sup>1</sup>         |         |
| MATH 1332   | Contemporary Mathematics (Quantitative Reasoning) <sup>1</sup> |         |
| MATH 1342   | Elementary Statistical Methods (Statistics)                    |         |
| MATH 2318   | Linear Algebra   |         |
| MATH 2320   | Differential Equations   |         |
| MATH 2412   | Pre-Calculus Math  |         |
| MATH 2413   | Calculus I   |         |
| MATH 2414   | Calculus II  |         |
| <b>Life and Physical Science (030)</b>  |  |         |
| Labs for the sciences courses may be accounted for in the Component Area Option.  |  |         |
| Select two of the following courses for 6 SCH: <sup>2</sup>   |  | 6       |
| ASTR 1303   | Stars and Galaxies (lecture)                                   |         |
| ASTR 1304   | The Solar System (lecture)                                     |         |
| BIOL 1306   | Biology for Science Majors I (lecture)                         |         |
| BIOL 1307   | Biology for Science Majors II (lecture)                        |         |
| BIOL 1308   | Biology for Non-Science Majors I (lecture) <sup>3</sup>        |         |
| BIOL 1309   | Biology for Non-Science Majors II (lecture) <sup>3</sup>       |         |
| BIOL 2301   | Anatomy and Physiology I (Lecture) <sup>4</sup>                |         |
| BIOL 2302   | Anatomy and Physiology II (Lecture) <sup>4</sup>               |         |
| CHEM 1305   | Introductory Chemistry I (lecture) <sup>3</sup>                |         |

|  |   |   |
|--|---|---|
| CHEM 1311  | General Chemistry I (lecture)                                     |   |
| CHEM 1312  | General Chemistry II (lecture)                                    |   |
| GEOL 1301  | Earth Sciences for Non-Science Majors I (lecture) <sup>3</sup>    |   |
| GEOL 1303  | Physical Geology (lecture)  |   |
| GEOL 1304  | Historical Geology (lecture)                                      |   |
| PHYS 1301  | College Physics I (lecture)                                       |   |
| PHYS 1302  | College Physics II (lecture)                                      |   |
| PHYS 2325  | University Physics I (lecture)                                    |   |
| PHYS 2326  | University Physics II (lecture)                                   |   |
| <b>Language, Philosophy and Culture (Humanities) (040)</b> |   |   |
| Select one of the following courses for 3 SCH:             |   | 3 |
| ENGL 2322  | British Literature I  |   |
| ENGL 2323  | British Literature II   |   |
| 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: Literature and Film                          |   |
| ENGL 2351  | Mexican American Literature                                       |   |
| GEOG 1302  | Human Geography   |   |
| HIST 2321  | World Civilization I  |   |
| HIST 2322  | World Civilization II   |   |
| HUMA 1301  | Introduction to the Humanities I                                  |   |
| PHIL 1301  | Introduction to Philosophy  |   |
| PHIL 2306  | Introduction to Ethics  |   |
| <b>Creative Arts (Fine Arts) (050)</b>                     |   |   |
| Select one of the following courses for 3 SCH:             |   | 3 |
| 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 1305  | World Dance   |   |
| DANC 2303  | Dance Appreciation  |   |
| DRAM 1310  | Theater Appreciation  |   |
| DRAM 2366  | Film Appreciation   |   |
| MUSI 1306  | Music Appreciation  |   |
| MUSI 1307  | Music Literature  |   |
| MUSI 1310  | American Music  |   |
| <b>American History (060)</b>                              |   |   |
| Select two of the following courses for 6 SCH:             |   | 6 |
| HIST 1301  | United States History I   |   |
| HIST 1302  | United States History II  |   |
| HIST 2301  | Texas History   |   |
| HIST 2327  | Mexican American History I  |   |
| HIST 2328  | Mexican American History II                                       |   |
| HIST 2381  | African American History I  |   |
| HIST 2382  | African American History II                                       |   |
| <b>Government/Political Science (070)</b>                  |   |   |
| Select two of the following courses for 6 SCH:             |   | 6 |
| GOVT 2305  | Federal Government (Federal Constitution and Topics) <sup>5</sup> |   |
| GOVT 2306  | Texas Government (Texas Constitution and Topics) <sup>5</sup>     |   |

**Social and Behavioral Sciences (080)**

Select one of the following courses for 3 SCH: 3

|           |                                   |
|-----------|-----------------------------------|
| ANTH 2302 | Introduction to Archaeology       |
| ANTH 2346 | General Anthropology              |
| ANTH 2351 | Cultural Anthropology             |
| CRIJ 1301 | Introduction to Criminal Justice  |
| ECON 2301 | Principles of Macroeconomics      |
| ECON 2302 | Principles of Microeconomics      |
| GEOG 1303 | World Regional Geography          |
| GOVT 2304 | Introduction to Political Science |
| HIST 2311 | Western Civilization I            |
| HIST 2312 | Western Civilization II           |
| PSYC 2301 | General Psychology                |
| SOCI 1301 | Introduction to Sociology         |
| SOCI 2319 | Minority Studies                  |
| TECA 1354 | Child Growth and Development      |

**Component Area Option (090)**

The following courses as well as courses not previously used from the other eight areas of the Core may be used to fulfill the Component Area Option requirement.

Select from the following courses for 6 SCH: 6

|           |   |
|-----------|---|
| ASTR 1103 | Stars and Galaxies (lab)                      |
| ASTR 1104 | The Solar System (lab)                        |
| BIOL 1106 | Biology for Science Majors I (lab)            |
| BIOL 1107 | Biology for Science Majors II (lab)           |
| BIOL 1108 | Biology for Non-Science Majors I (lab)        |
| BIOL 1109 | Biology for Non-Science Majors II (lab)       |
| BIOL 2101 | Anatomy and Physiology I (Lab)                |
| BIOL 2102 | Anatomy and Physiology II (Lab)               |
| CHEM 1105 | Introductory Chemistry I (lab)                |
| CHEM 1111 | General Chemistry I (lab)                     |
| CHEM 1112 | General Chemistry II (lab)                    |
| CHIN 1411 | Beginning Chinese I                           |
| CHIN 1412 | Beginning Chinese II                          |
| EDUC 1100 | Learning Framework                            |
| FREN 1411 | Beginning French I                            |
| FREN 1412 | Beginning French II                           |
| GEOG 1101 | Earth Sciences for Non-Science Majors I (lab) |
| GEOG 1103 | Physical Geology (lab)                        |
| GEOG 1104 | Historical Geology (lab)                      |
| GERM 1411 | Beginning German I                            |
| GERM 1412 | Beginning German II                           |
| GOVT 2107 | Federal and Texas Constitutions               |
| PHED 1164 | Introduction to Physical Fitness and Wellness |
| PHYS 1101 | College Physics I (lab)                       |
| PHYS 1102 | College Physics II (lab)                      |
| PHYS 2125 | University Physics I (lab)                    |
| PHYS 2126 | University Physics II (lab)                   |
| SGNL 1401 | Beginning American Sign Language I            |
| SGNL 1402 | Beginning American Sign Language II           |
| SPAN 1411 | Beginning Spanish I                           |
| SPAN 1412 | Beginning Spanish II                          |

|           |                                      |
|-----------|--------------------------------------|
| SPCH 1311 | Introduction to Speech Communication |
| SPCH 1315 | Public Speaking                      |
| SPCH 1318 | Interpersonal Communication          |
| SPCH 1321 | Business and Professional Speech     |

**Total Credits** 42

- <sup>1</sup> MATH 1324 Mathematics for Business and Social Sciences, MATH 1325 Calculus for Business and Social Sciences, and MATH 1332 Contemporary Mathematics (Quantitative Reasoning) do not meet the requirements for students pursuing mathematics or science.
- <sup>2</sup> Students must be simultaneously co-enrolled in the co-requisite science lab.
- <sup>3</sup> BIOL 1308 Biology for Non-Science Majors I (lecture), BIOL 1309 Biology for Non-Science Majors II (lecture) and CHEM 1305 Introductory Chemistry I (lecture), and GEOL 1301 Earth Sciences for Non-Science Majors I (lecture) do not meet the requirements for science majors.
- <sup>4</sup> BIOL 2301 Anatomy and Physiology I (Lecture) and BIOL 2302 Anatomy and Physiology II (Lecture) are designed for allied health majors and not for academic transfer as science majors.
- <sup>5</sup> Students who have taken GOVT 2301 or GOVT 2302, but not both, should check with a Program Advisor on how to complete the 6 SCH.

If a student successfully completes San Jacinto College's 42-hour Core Curriculum, that block of courses must be substituted for the receiving institution's Core Curriculum. The receiving institution may not require a student to take additional Core Curriculum courses to meet the requirements of the Core. Students who transfer without completing the Core Curriculum shall receive academic credit in the Core Curriculum of the receiving institution for each of the courses the student has successfully completed in the San Jacinto College Core Curriculum. Students should plan Core Curriculum courses that would meet baccalaureate degree requirements at the four-year institution.