

# TJC CORE CURRICULUM

## Tyler Junior College Core Curriculum\*

The Core Curriculum at Tyler Junior College provides students with a solid foundation of knowledge and skills which will assist them throughout life. Students planning to continue their education toward a baccalaureate degree can complete core curriculum courses designed to provide a sound background in the liberal arts. Students who successfully complete the Tyler Junior College core curriculum can transfer that block of courses to any Texas public college or university. Articulation agreements with other Texas colleges and universities mean seamless transfer.

TJC Core requirements are in 3-hour increments. However, some core courses offered, such as Mathematics and Life and Physical Sciences, are 4-hour classes. Any overflow (extra) hours above the required Core of 42 hours will meet degree requirements.

### Communications Core (6 hrs)

ENGL 1301 Composition I\*  
SPCH 1315 Public Speaking **OR**  
SPCH 1321 Business & Professional Communication

### Mathematics Core (3 hrs)

MATH 1314 College Algebra  
MATH 1316 Plane Trigonometry  
MATH 1324 Mathematics for Business & Social Sciences  
MATH 1332 Contemporary Mathematics I  
MATH 1342 Elementary Statistical Methods  
MATH 2413 Calculus I

### Life and Physical Sciences Core (6 hrs)\*

BIOL 1406 Biology for Science Majors I  
BIOL 1407 Biology for Science Majors II  
BIOL 1408 Biology for Non-Science Majors I  
BIOL 1409 Biology for Non-Science Majors II  
BIOL 1411 General Botany  
BIOL 2401 Anatomy & Physiology I  
BIOL 2402 Anatomy & Physiology II  
BIOL 2406 Environmental Biology  
CHEM 1405 Introductory Chemistry I  
CHEM 1406 Introductory Chemistry I-Allied Health Emphasis  
CHEM 1411 General Chemistry I  
CHEM 1412 General Chemistry II  
GEOL 1401 Earth Sciences for Non-Science  
GEOL 1403 Physical Geology  
GEOL 1404 Historical Geology  
PHYS 1401 College Physics I  
PHYS 1403 Stars and Galaxies  
PHYS 1404 Solar System  
PHYS 1405 Elementary Physics I  
PHYS 2425 University Physics I  
PHYS 2426 University Physics II

### Language, Philosophy and Culture Core (3 hrs)

ENGL 2332 World Literature I  
ENGL 2333 World Literature II  
HUMA 1301 Introduction to the Humanities I  
PHIL 1301 Introduction to Philosophy  
PHIL 2306 Introduction to Ethics

### Creative Arts Core (3 hrs)

ARTS 1301 Art Appreciation  
DANC 2303 Dance Appreciation I  
DRAM 1310 Introduction to Theater  
MUSI 1306 Music Appreciation

### American History Core (6 hrs)

HIST 1301 United States History I\*  
HIST 1302 United States History II **OR**  
HIST 2301 Texas History

### Government/Political Science Core (6 hrs)

GOVT 2305 Federal Government  
GOVT 2306 Texas Government

### Social and Behavioral Sciences Core (3 hrs)

ECON 2301 Principles of Macroeconomics  
PSYC 2301 General Psychology  
PSYC 2314 Lifespan Growth & Development  
SOCI 1301 Introductory Sociology

### Component Area Option Core (6 hrs)

EDUC 1300 Learning Framework\*  
ENGL1302 Composition II **OR**  
ENGL2311 Technical & Business Writing

\*Institution requires all core complete students to take ENGL 1301, HIST 1301, EDUC 1300 and two lab sciences.