



Field of Study Transfer Curriculum for Engineering

The Associate of Science degree in the engineering field of study is designed to meet the requirements of the first two years of a Bachelor of Science (BS) program and to facilitate transfer to any Texas college or university offering a BS engineering program. Students completing the field of study as outlined above will not be core complete. If a student desires to complete the core curriculum the student should also take a creative arts course (3 hours) and two component area option courses from the core curriculum (6 hours).

PREREQUISITE SEMESTER:		
Course		Semester Hours
MATH 1314	College Algebra (if needed)	3
ENGR 1201	Introduction to Engineering (if needed)	2
MATH	MATH (see list in Core Curriculum)	3-4
		8-9
First Year		
FIRST SEMESTER:		
Course		Semester Hours
CHEM 1411	General Chemistry I	4
ENGL 1301	Composition I	3
HIST 1301	United States History I	3
ECON	ECON 2301 or 2302	3
		13
SECOND SEMESTER:		
Course		Semester Hours
ENGL	ENGL 1302 or ENGL 2311	3
HIST 1302	United States History II	3
MATH 2413	Calculus I	4
.....	Language, Philosophy & Culture (see list in core curriculum)	3
		13
Second Year		
FIRST SEMESTER:		
Course		Semester Hours
MATH 2414	Calculus II	4
ENGR 2301	Statics	3

GOVT 2305	Federal Government	3
		10
SECOND SEMESTER		
Course		Semester Hours
MATH 2415	Calculus III	4
ENGR 2302	Dynamics	3
ENGR 2332	Mechanics of Materials	3
GOVT 2306	Texas Government	3
		13
SUMMER I TERM		
Course		Semester Hours
PHYS 2425	University Physics I	4
MATH 2320	Differential Equations	3
		7
SUMMER II TERM		
Course		Semester Hours
PHYS 2426	University Physics II	4
		4
		Total Hours: 60