



## Field of Study Transfer Curriculum for COMPUTER SCIENCE

The Associate of Science degree in the Computer Science Field of Study is designed to facilitate transfer to a Bachelor of Science program at a Texas college or university. By completing the 62 hours listed, a student will have completed both the core curriculum and the Field of Study in Computer Science requirements. This plan assumes the student has completed any developmental work required. The student must review individual course prerequisites, if developmental work is required.

### FIRST YEAR

#### FIRST SEMESTER

Course			Semester Hours
COSC	1336	Programming Fundamentals I *	3
ENGL	1301	Composition I	3
HIST	1301	United States History I	3
MATH	2413	Calculus I *	4
.....	.....	Creative Arts Elective (see list in core curriculum)	3
			16

#### SECOND SEMESTER

Course			Semester Hours
CHEM	1411	General Chemistry I	4
COSC	1337	Programming Fundamentals II *	3
HIST	1302	United States History II	3
MATH	2414	Calculus II *	4
			14

### SECOND YEAR

#### FIRST SEMESTER

Course			Semester Hours
COSC	2336	Programming Fundamentals III *	3
ENGL		ENGL 1302 or ENGL 2311	3
PHYS	2425	University Physics I *	4
GOVT	2305	Federal Government	3
.....	.....	Language, Philosophy, & Culture Elective (see list in core curriculum)	3
			16

#### SECOND SEMESTER

Course			Semester Hours
COSC	2325	Computer Organization *	3
PHYS	2426	University Physics II *	4
GOVT	2306	Texas Government	3
SPCH	1315	Public Speaking	3
.....	.....	Social and Behavioral Sciences (see list in core curriculum)	3
			16

**TOTAL HOURS     62**

\* These courses make up the Computer Science Field of Study, which are guaranteed to transfer as a block and be applied to the appropriate major at any Texas public institution of higher education.