

Computer Programming Computer Science

Associate of Science in Computer Science – Field of Study–CS3

This degree plan is designed for students who plan to major in Computer Science and transfer to a four-year college or university. The Field of Study courses will constitute a semester credit or transfer block to any public Texas four-year college or university with a Computer Science major. Transferring students shall not be required to repeat courses transferred as part of the Field of Study curriculum. However, a receiving institution can require additional lower-division courses that may be necessary for specific degree programs. Students should plan very carefully and work with an advisor.

FIRST SEMESTER		SCH
—	ENGL 1301 English Composition I	3
—	COSC 1301 Microcomputer Applications	3
—	<u>COSC 1436 Programming Fundamentals I</u>	4
—	HIST ---- Social/Behavioral Science: History	3
—	---- ---- Humanities: Visual/Performing Arts	3
		16
SECOND SEMESTER		
—	HIST ---- Social/Behavioral Science: History	3
—	<u>COSC 1437 Programming Fundamentals II</u>	4
—	ENGL 1302 English Composition II	3
—	---- ---- Communication: Other	3
—	MATH 2413 Calculus I with Analytic Geometry	4
		17
THIRD SEMESTER		
—	---- ---- Humanities: Other	3
—	GOVT 2301 American Government I	3
—	<u>COSC 2325 Computer Organization & Machine Language</u>	3
—	<u>MATH 2414 Calculus II with Analytic Geometry</u>	4
—	PHYS 2425 Mechanics & Heat	4
		17
FOURTH SEMESTER		
—	GOVT 2302 American Government II	3
—	<u>COSC 2436 Programming Fundamentals III</u>	4
—	KINE ---- Health, Wellness & Kinesiology	1
—	PHYS 2426 Electricity, Optics & Waves	4
—	---- ---- Social/Behavioral Science: Other	3
		15
Total Semester Credit Hours for Degree		65

● Students should plan to take this capstone course in their last semester and should speak with their advisor prior to registering for the final semester. Core curriculum courses are shown in bold type. Field of Study (FOS) courses are underlined. Core and Field of Study courses are shown in bold and underline type.

◆ Students completing a high school Tech Prep Program may receive credit for indicated courses.