

## Computer Science Associate of Science

Texas Southmost College  
Division of Science Technology, Engineering & Mathematics/  
Career & Technical Education

The Associate of Science in Computer Science (COSC) degree prepares professionals in the areas of software development. This degree is designed to lead students to transfer into a four-year university and obtain a Bachelor of Science in Computer Science or a Master of Science in Computer Science.

The Computer Science Associate degree can prepare students for numerous entry-level jobs in the fields of computers and information technology. Students typically meet minimum requirements for many web development, support and programming careers. It is strongly recommended, however, to pursue the professional four-year degree as soon as the students complete the Associate's degree.

<b>FIRST YEAR - FALL SEMESTER</b>	<b>CREDIT HOURS</b>
COSC 1336 <sup>+</sup> Programming Fundamentals I.....	3
MATH 2412 <sup>+</sup> Pre-Calculus .....	4
ENGL 1301 <sup>+</sup> Composition I.....	3
HIST 1301 <sup>+</sup> United States History I.....	3
XXXX X3XX <sup>+1</sup> Social and Behavioral Sciences.....	3

<b>FIRST YEAR - SPRING SEMESTER</b>	
COSC 1337 <sup>+</sup> Programming Fundamentals II.....	3
MATH 2413 <sup>+</sup> Calculus I.....	4
ENGL 1302 <sup>+</sup> Composition II .....	3
HIST 1302 <sup>+</sup> United States History II .....	3
XXXX X3XX <sup>+2</sup> Creative Arts .....	3

<b>SECOND YEAR - FALL SEMESTER</b>	
COSC 2336 <sup>+</sup> Programming Fundamentals III.....	3
GOVT 2305 Federal Government.....	3
MATH 2414 <sup>+</sup> Calculus II .....	4
PHYS 2325 <sup>+</sup> University Physics I.....	3
PHYS 2125 <sup>+</sup> University Physics Lab I .....	1

<b>SECOND YEAR - SPRING SEMESTER</b>	
COSC 2425 <sup>+</sup> Computer Organization .....	4
GOVT 2306 Texas Government.....	3
PHYS 2326 <sup>+</sup> University Physics II .....	3
PHYS 2126 <sup>+</sup> University Physics Lab II .....	1
XXXX X3XX <sup>+3</sup> Language, Philosophy & Culture .....	3

### TOTAL CREDIT HOURS FOR GRADUATION - 60

<sup>+</sup> Grade of "C" or better is required for graduation.

<sup>1</sup> Social and Behavioral Sciences: Any General Education Core course that meets this category.

<sup>2</sup> Creative Arts: Any General Education Core course that meets this category.

<sup>3</sup> Language, Philosophy & Culture/Creative Arts: Any General Education Core course that meets these categories.