PROGRAM OF STUDY

Computer Science Associate in Science Degree

Upon completion of the program, students should be able to understand the social impact of computers on human society, carry out computer related tasks with professional ethics, and write programs using both procedural and object oriented programming languages.

Transfer Purpose: To prepare students for transfer into four-year computer science programs. Students planning to transfer to a four-year college or university should familiarize themselves with the computer science program requirements at the school to which they will transfer.

Computer Science Core, 12 units		**Units**
CSCI40	Programming Concepts and Methodology I	4
CSCI41	Programming Concepts and Methodology II	4
CSCI26	Discrete Mathematics for Computer Science	4

Select additional units from the following courses, 8 units		**Units**
CSCI1	Introduction to Computer Science	3
CSCI5	Java Programming	3
CSCI45	Computer Organization and Assembly Language Programming	4
MATH5A	Math Analysis I	4
MATH5B	Math Analysis II	4
PHYS2A	General Physics I	4
	or	
PHYS4A	Physics for Scientists and Engineers	4
PHYS2B	General Physics II	4
	or	
PHYS4B	Physics for Scientists and Engineers	4
		Units

Total Units		**20**

Effective Term: Fall 2018