A.S. Computer Science

Core Curriculum for an Associate degree

Quality Enhancement Plan (QEP) Requirement

We strongly suggest that students seeking an Associate in Science in Computer Science or the Associate in Computer Science plan to take their computer science courses in the following sequence:

Associate in Science

Freshman — Fall Semester	CSIS 110, CSIS 125
Freshman — Spring Semester	CSIS111, CSIS 225
Sophomore — Fall Semester	CSIS 201, CSIS 211, CSIS 245
Sophomore — Spring Semester	CSIS 215, CSIS 255

In addition to completing the courses below, students seeking the A.S. must pass Department-specified external certification examinations in the areas of security and networking in order to be awarded the degree.

Required Courses

Item #	Title	credits
CSIS 110	Principles of Computer Programming I	3
CSIS 111	Principles of Computer Programming II	3
CSIS 125	Discrete Structures I	3
CSIS 201	Information Literacy for CS Majors	1
CSIS 211	Data Structures and Algorithms	3
CSIS 215	Object-Oriented Programming in C++	3
CSIS 225	Discrete Structures II	3
CSIS 245	Introduction to Local Area Network Technology	4
CSIS 255	Issues and Practices in Information Security	3
	Total credits:	26