Computer Science Certificate

Program Description

Today, computer skills are highly in demand in the rapidly evolving information technology field. The Certificate in Computer Science prepares students for entry-level positions in technology related areas.

Program Student Learning Outcomes (SLOs):

Upon successful completion of the Certificate in Computer Science program, students will be able to:

1. Demonstrate a solid foundation in the core areas of computer science, as well as knowledge of advanced topics in the field.
2. Apply skillful evaluation to computer-based glitches and draw possible options that best meets the needs of a problem.
3. Design and implement a computer-based solution of a problem by writing codes using an appropriate programming language.

General Education Requirements		
Course #	**Course Name**	**Credits**
MA 110A	Finite Mathematics	3
Technical Requirements		
Course #	**Course Name**	**Credits**
CS 101	Introduction to Computer Systems & Information Technology	3
CS 102	Computer Operations	3
CS 110	Introduction to the Internet	3
CS 151	Windows Applications	3
Choose 1		
CS 292	Computer Science Practicum	3
CS 290	Special Project	
Technical Electives (Complete at least 6 Credits)		
Course #	**Course Name**	**Credits**
CS 103	Report Program Generator (RPG)	3
CS 104	Visual Basic Programming	3
CS 202	COBOL	3
CS 204	C++ Programming	3
CS 205	Network Communications	4
Related General Education & Technical Requirements		
Course #	**Course Name**	**Credits**
SM 108	Introduction to Business	3
Choose 1		
EN 125	Introduction to Human Communication and Speech	3
OA 211	Business Communication	
	Certificate Total	**30**