

Information Technology

Certificate

DIVISION OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

The world of Information Technology continues to grow and evolve, offering long-term job security. For students who are interested in entering this field, but have little or no computer-related experience, this program offers a wide-ranging introduction. The curriculum focuses on business related applications to provide students with the computer skills needed for a successful entry-level position in the Information Technology field.

Students completing this certificate will be prepared and are encouraged to gain industry credentials by taking industry standard examinations offered by leading Networking and Cybersecurity certification organizations.

Upon successful completion, the Certificate in Information Technology is awarded.

COURS E	COURSE TITLE	CREDIT S
<i>First Year</i>	<i>Semester 1</i>	
CS 113	Fundamentals of IT	4
CS 110	Introduction to Computer Science	4
CS 242	Computer Networks	4
CS 118	Scripting	3
	credits:	15
<i>First Year</i>	<i>Semester 2</i>	
CS 213	Database Management Systems	4
	Program Elective	3/4
CS 116	Fundamentals of Cyber Security	4
	credits:	11/12
	Total Credits:	26/27

PROGRAM FOOTNOTES

Program Electives: CS 104 Microcomputer Applications/Business, CS 123 Python Programming, CS 141 Linux System Management, CS 235 Systems Analysis and Design, CS 243 Computer Networks II