

Information Systems Technology

Computer Programmer

Career Studies Certificate

Purpose: The Computer Programmer Career Studies Certificate is designed to provide knowledge and skills in computer programming and application software development.

Occupational Objectives: Computer Programmer, Applications Programmer, Programmer/Analyst, Internet Programmer, and related computer occupations

Admission Requirements: General college curricular admission

Program Notes: Students should demonstrate proficiency in keyboarding before enrolling in the required IT courses. Students must have a strong foundation in computer concepts, Windows, word processing, spreadsheet, database, and presentation software and also have the ability to access information on the internet. Students must attain the grade of "C" or higher in IT courses taken for this certificate.

CURRICULUM				
COURSE	TITLE	LEC. HRS.	LAB. HRS.	CRS. CRE.
ITE 115	Introduction to Computer Applications and Concepts	3	0	3
ITP 120	Java Programming I	4	0	4
ITP 112	Visual Basic.Net I	4	0	4
ITP 212	Visual Basic.Net II	4	0	4
ITP 251	Systems Analysis and Design	3	0	3
ITD 130	Database Fundamentals	4	0	4
ITP 244	ASP.Net--Server Side Programming	4	0	4
___ ___ ¹	Information Technology Elective	3	0	3
TOTAL		29	0	29
Total Minimum Credits for Career Studies Certificate in Computer Programmer				29
¹ The Information Technology elective can be selected from one of the following areas: Information Technology Design (ITD), Information Technology Essentials (ITE), Information Technology Networking (ITN), or Information Technology Programming (ITP).				