



Career and Technical Education (CTE) Pathway

Information Technology-Programming and Software Development Computer Programming Certificate (C25590P8)

1) Major Requirements

Required Technical Core

> Take 3 credits from:

CTI-110	Web, Pgm, & Db Foundation	None	3.00 SHC
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Pre-requisite

2) Concentration Requirements

Prog and Software Development

> Take 3 credits from:

CSC-139	Visual BASIC Programming	CIS-115	3.00 SHC
CSC-151	JAVA Programming	CIS-115 or MAT-172	3.00 SHC
CSC-153	C# Programming	CIS-115	3.00 SHC

3) Other Major Requirements

Prog and Software Development

> Take 12 credits from:

CIS-115	Intro to Prog and Logic	DMA-010-040 Or MAT-171	3.00 SHC
CSC-121	Python Programming	CIS-115	3.00 SHC
DBA-120	Database Programming I	CTI-110	3.00 SHC
WEB-151	Mobile Application Dev I	CIS-115	3.00 SHC

TOTAL SEMESTER HOURS CREDIT (SHC)

(24.00 SHC)

Comments:

This CTE pathway leads to the IT-Programming and Software Development Computer Programming Certificate