COMPUTER INFORMATION SYSTEMS: COMPUTER PROGRAMMING CERTIFICATE

Program code: CISP-CC

Location: Capital, Gateway, Housatonic, Middlesex, Naugatuck Valley, Northwestern, Tunxis

Certificate Requirements

CSC 1201 Introduction to Programming *and* CSC 2213 Object Oriented Programming *are not allowed in this program. Students are encouraged to take* CSC 1211 Java I *or other programming language.*

Code	Title	Credits
Required Courses		
CIS 1001	Introduction to Computers	3
or CIS 1141	Introduction to Management Information Systems	
Choose one of the following:		3
CSC 1211	Java I	
CSC 1205	Visual Basic	
CSC 1203	Python Fundamentals	
CSC 2235	Introduction to Database Design	3
Choose three of the following directed electives:		9-10
CSC 2274	Client-Side Web Development	
CSC 2251	Mobile Device Programming	
CSC 2252	Programming Mobile Devices I	
CSC 1203	Python Fundamentals	
CSC 1205	Visual Basic	
CSC 1211	Java I	
CSC 2212	Java II	
CSC 2214	C++ Programming	
or CIS 2144	Systems Analysis and Design	
Total Credits		**18-19**