

COMPUTER INFORMATION TECHNOLOGY - WEB DEVELOPER, CERTIFICATE OF ACHIEVEMENT (LEVEL III)

NMC Code 041

Students completing the Associate Web Developer Certificate may elect to continue their education and obtain a Level III Certificate. The Web Developer Certificate is designed for students seeking employment requiring more advanced skills including server-side development, advanced database connectivity, and advanced animation. This certificate also includes a semester long internship experience.

This certificate program is designed to prepare students for the following additional internationally recognized certifications:

- Certiport Information Technology Specialist - Databases
- Certiport Information Technology Specialist - Software Development

Requirements

Certificate Requirements

Course	Title	Credits
Complete Level II Certificate Requirements		30
Level III Certificate Requirements		
Select one of the following:		3-4
ACC 121	Accounting Principles I	
BUS 155	Interpersonal Communications	
BUS 231	Professional Communications	
COM 111	Public Speaking	
CIT 178	Relational Databases ¹	3
CIT 218	Web Application Development	3
CIT 255	Object-Oriented Programming ¹	3
CIT 291	Web Developer Internship ²	3
Total Credits		45-46

1

Certiport Information Technology Specialist certification exam is included.

2

Students planning to take the internship class require department approval and are required to have a GPA of 3.0 in their CIT classes. It is also recommended that students have 20 credits in CIT classes and an overall GPA of 2.0. *While a 3.0 GPA in CIT classes is required for this internship, an alternative, campus-based internship opportunity is available for students who do not meet this requirement.*

Course Sequence Guide

Course	Title	Credits
Year 1		
Fall		
ART 131	2-D Design	3
CIT 110	Programming Logic and Design	3

CIT 180	Web Development ¹	3
VCA 127	Digital Imaging ²	3
VCA 150	Digital Graphics Design I ²	3
Credits		15
Spring		
CIT 178	Relational Databases ¹	3
CIT 190	JavaScript Programming ¹	3
CIT 195	Application Development	3
VCA 125	Typography I ²	3
Credits		12
Year 2		
Fall		
Select one of the following:		3-4
ACC 121	Accounting Principles I	
BUS 155	Interpersonal Communications	
BUS 231	Professional Communications	
COM 111	Public Speaking	
CIT 255	Object-Oriented Programming ¹	3
CIT 291	Web Developer Internship ³	3
Credits		9-10
Spring		
CIT 218	Web Application Development	3
VCA 146	Interactive Animation	3
VCA 147	Web Design I	3
Credits		9
Total Credits		45-46

1

Certiport Information Technology Specialist certification exam is included.

2

Adobe Certified Associate certification exam is included.

3

Students planning to take the internship class require department approval and are required to have a GPA of 3.0 in their CIT classes. It is also recommended that students have 20 credits in CIT classes and an overall GPA of 2.0. *While a 3.0 GPA in CIT classes is required for this internship, an alternative, campus-based internship opportunity is available for students who do not meet this requirement.*