

# WEB DEVELOPMENT, CERTIFICATE OF COMPETENCY (WEB)

## Part-Time Academic Plan

Course	Title	Hours
<b>First Semester</b>		
CS 101	Introduction to Computer Science	3
CS 113	Database Management Systems	3
NET 110	Network Communications	3
<b>Hours</b>		<b>9</b>
<b>Second Semester</b>		
IMM 120	Web Page Design and Development	3
CS 141	UNIX Operating Systems	3
CS 214	jQuery/JavaScript	3
<b>Hours</b>		<b>9</b>
<b>Third Semester</b>		
CS 240	Responsive Web Design	3
CS 142 or CS 143	Introduction to Cloud Computing Concepts and Administration using Microsoft Azure or Introduction to Cloud Computing Concepts and Administration using Amazon Web Services	3
<b>Hours</b>		<b>6</b>
<b>Total Hours</b>		<b>24</b>

## Optional Internship Opportunities:

Code	Title	Hours
Select one of the following:		
CS 190	Computer Programming Internship (1 credit)	1
CS 194	Computer Programming Internship (2 credit)	2
CS 199	Computer Programming Internship (3 credit)	3

**Total Credits: 24-27**