

WEB PROGRAMMING CERTIFICATE: 230

Total Credits: 38 - 39
Catalog Editions 15-16 through 19-20

Name:

Date:

ID #:

CERTIFICATE REQUIREMENTS	Course	Hours	Grade
CA 141/CMAP242/ CMAP 245 or CS 270/ CMSC 246		3	
	CS 140/ CMSC 140	3	
	CS 213/ CMSC 201	3	
	CS 214/ CMSC 214	3	
	CS 220/ CMSC 220	3	
	CS 216/ CMSC 250	3	
GD 116/ GDES 116 or CA 106/ CMAP 106		3	
	CMAP 272/ TECH 272	4	
CMAP 273/ TECH 273 or CMAP 276/ TECH 276		3	
	CMAP 277/ TECH 277	3	
	CMAP 278/ TECH 278	4	
PROGRAM ELECTIVE *			

Overall GPA of 2.0 is required to graduate

* Select one courses from:

CA 240/**CMAP 245**, CA 269/**CMAP 269**, CS 226/**CMSC 226**, CS 210/**CMSC 260**, CS 269/**CMSC 269**, CMAP 225/**TECH 225**, CMAP 274/**TECH 274**, CMAP 272/**TECH 282**, or CMAP 288/**TECH 288**.

Total Credits:

[Web Programming Website](#)

Last Modified: May 2019

Advising Worksheet Contact: [Anthony Solano](#)

This certificate is designed to provide training, skills, and knowledge that prepare a student for employment as a programmer on a web development team. Skills include advanced web programming languages (Java, Visual Basic, XML, DHTML/JavaScript, web databases), UNIX, and advanced HTML.

See an [advisor](#) to submit an [Application for Graduation](#) the semester BEFORE you intend to graduate.

This UNOFFICIAL document is for planning purposes ONLY and completion does not guarantee graduation.

This certificate is a career program and may not readily transfer to four year colleges/universities (except in special cases.) Visit [transfer planning](#) for more information.