

# WEB PROGRAMMING CERTIFICATE: 230

Total Credits: 38 - 39  
Catalog Editions 20-21 through 21-22

Name:

Date:

ID #:

CERTIFICATE REQUIREMENTS	Course	Hours	Grade
	<b>CMSC 140</b>	3	
	<b>CMSC 201</b>	3	
	<b>CMSC 214</b>	3	
	<b>CMSC 220</b>	3	
	<b>CMSC 246</b>	3	
	<b>CMSC 250</b>	3	
<b>GDES 116 or CMAP 106</b>		3	
	<b>TECH 272</b>	4	
<b>TECH 273 or TECH 276</b>		3	
	<b>TECH 277</b>	3	
	<b>TECH 278</b>	4	
<b>PROGRAM ELECTIVE *</b>			

**Overall GPA of 2.0 is required to graduate**

\* Select one courses from:

**CMAP 245, CMAP 269, CMSC 226, CMSC 260, CMSC 269,  
TECH 225, TECH 274, TECH 282, or TECH 288.**

Total Credits:

[Web Programming Website](#)

Last Modified: July 2021

*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.*

Advising Worksheet Contact: [Anthony Solano](#)

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.*