

Career and Program Description

The website development certificate is intended to meet business needs for entry-level positions that assist Web Site Developers, HTML Programmers, Web Designers, Web Producers, and Web Technologists. Certificate completers will be able to create functional web sites and assist in the production of professional dynamic web sites. Administrative support personnel and entrepreneurs will gain the necessary skills to develop and manage departmental and personal websites.

Program Prerequisites and Requirements

Students must be competent with basic composition and math skills, word processing, spreadsheet, and basic formatting skills for common office documents. Basic browser navigation, searching the web, and electronic file management skills (creating, moving, copying, renaming, and deleting files and folders) are also essential to be successful in this program. Recommended (**not required**) courses to obtain these skills are CAS 133, CAS 170, CAS 216, OS 120, BA 101, BA 131, MTH 20, and WR 121.

Complete the following three parts to get **51 credits** minimum:

1. All of the Core Requirements (39-40 credits)
2. 12 credits minimum of the CAS/MM Restricted Electives
3. Any additional CAS/MM Restricted Electives until total credits are **51 or above**

All CAS/OS courses to be applied toward a CAS/OS certificate or degree must be passed with a “C” grade or better. (One credit courses must receive a pass grade.)

Core Requirements
(All courses required = 39-40 credits)

Course	Title	Credits	Course	Title	Credits
CAS 111D	Beginning Web Site Creation: Dreamweaver	3	BA 205	Solving Communication Problems w/Tech.	3 - 4
CAS 211D	Intermediate Dreamweaver	3	or MM 270	Writing for Multimedia	
CAS 175	Introduction to Flash	3	BA 207	Introduction to E-Commerce	4
CAS 206	Principles of HTML/XHTML	4	or CIS 243	E-Commerce Information Systems	
CAS 208	Beginning Photoshop for the Web	3	BA 223	Principles of Marketing	3
CAS 215	CSS and Dynamic HTML	4	or BA 239	Advertising	
CAS 280W❶	Co-op Ed: Web Site Development	2	MM 110	Introduction to Multimedia	1
CIS 178	Applied Internet Concepts	4	MM 120	Multimedia Design	2

CAS/MM Restricted Electives
(12 credits minimum required – choose additional courses until total credits are 51 or above)

Course	Title	Credits	Course	Title	Credits
CAS 110	Introduction to Web Graphics Using Fireworks	1	MM 130	Multimedia Graphics Video/Audio Production	3
CAS 111F	Beginning Web Site Creation: FrontPage	3	MM 140	Multimedia Authoring I	3
CAS 213	Enhancing Web Pages with JavaScript	4	MM 230	Graphics for Multimedia	4
CAS 214	Beginning ColdFusion	4	MM 231	Vector Graphics & Animation for the Web	3
CAS 246	Integrated Computer Projects	4			

❶ Satisfactory progress through two terms of web site related courses or equivalent experience is required before enrolling in CAS 280W.

For additional information regarding CAS/OS programs:

- visit our websites at www.pcc.edu/cas and spot.pcc.edu/computers
- call us at (503) 977-4393