

WEB DESIGN

design.missioncollege.edu

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Web Design: Certificate of Achievement (CA)

Certificate of Achievement in Web Design The Certificate of Achievement in Web Design is intended to provide the necessary basic technical and creative skills for those planning to enter this growing field of visual communication. The program will prepare students for positions in the web design field such as entry level web designers, user experience designers, content developers, and information architects. Other examples where students might find employment using their creative problem-solving and design skills might include website development, interaction design, and the creation of interactive media such as digital publications, marketing presentations, or interactive learning products. The students, by the end of the program, are expected to understand and apply the basic principles of visual communication as applied to Interactive and Web Design, along with the basic coding skills and software skills used in web design and related fields. The certificate includes training in basic front-end coding. This program differs from the Web Development Certificate in its emphasis on the design and strategy aspects or web production, whereas the Web Development includes more training on back-end (server-side) coding. The classes in the core requirements should be taken in the general order that they are listed.

Program Learning Outcomes:

- Identify, explain and apply design principles such as typography, color and layout to the creation and evaluation of web designs.
- Generate documents related to User Experience Design such as wireframes and personas.
- Apply basic front end coding skills, technical concepts and best practices used in web design and development at an intermediate level.

Career/Transfer Opportunities:

Career opportunities include the following: web design, user experience design, interaction design, web production, interface design, information architecture, visual design, application design, and mobile design.

To earn this certificate, students must complete the minimum required courses with a grade of C (or P) or better.

Core Requirements (15 units): Complete all of the following

		Units
GDS 035	Beginning Graphic Design	3.0
GDS 045	Web Design and Development 1	3.0
GDS 046	Web Design and Development 2	3.0
GDS 070	User Experience, Interface, and Multimedia Design	3.0
GDS 072	Digital Imaging and User Interface Design	3.0

Electives List A (6 units): Take six units from the following

		Units
GDS 047	Web Animation	3.0
GDS 049	WordPress and Content Management Systems(- Check Title)	3.0
GDS 051	Mobile Application and Web Development with Web Standards	3.0
GDS 064	Introduction to Adobe Photoshop	3.0
GDS 076	Emerging Trends in Interaction Design	3.0
GDS 077	Interactive Projects & Explorations in UXD	3.0

Electives List B. (3 units): Take three units from the following

		Units
ART 031A	Beginning Drawing	3.0
ART 033A	Basic Design: Two-Dimensional	3.0
BUS 084	Internet Marketing	3.0
GDS 012	History of Photography	3.0
GDS 022	Digital Media for Marketing	3.0
GDS 047	Web Animation	3.0
GDS 049	WordPress and Content Management Systems	3.0
GDS 051	Mobile Application and Web Development with Web Standards	3.0
GDS 055A	Design Agency and Branding	3.0
GDS 062	Digital Illustration with Adobe Illustrator	3.0
GDS 064	Introduction to Adobe Photoshop	3.0
GDS 069	3D for Designers and Illustrators	3.0
GDS 073	Digital Photography	3.0
GDS 074	Digital Video Production 1	3.0
GDS 076	Emerging Trends in Interaction Design	3.0
GDS 077	Interactive Projects & Explorations in UXD	3.0
GDS 085	Professional Portfolio and Design Career Preparation	3.0
GDS 089	JavaScript 1	3.0

Total Required Units: 24.0