

Computer Graphic Design—Web Design Degree (CGW)

This program provides students with the visual design, communication, and computer graphic skills necessary to obtain an entry-level position in this field or to continue their education at a four-year college or university. For those already employed, they can enroll in this career program to upgrade their skills for potential advancement. Students learn basic and advanced techniques for creating effective, well-designed, interactive websites. Students are taught basic design theory, digital imaging and electronic illustration skills and techniques, in addition to learning basic hypertext markup languages and top level authoring software using what you see is what you get (WYSIWYG) technology. The most current graphic and web design software is used in the CGW program. This includes: the Adobe Creative Suite 4 (Photoshop, Illustrator, InDesign, Acrobat, Fireworks, Dreamweaver and Flash), QuarkXPress 8.0, and the latest web browsers (Internet Explorer, Safari, Firefox, Opera).

Number	Suggested Course Order	Cr	Semester	Grade	Prerequisites/Notes
CGD101	Design Theory	3			Prerequisite: ENG100, RDG100, or placement Prerequisite or co-requisite: CGD104. Note: CGD101 should be taken in the fall. CGD104 must be taken first or concurrently with CGD 101.
CGD104	Digital Imaging (<i>Photoshop</i>)	3			Prerequisite: ENG100, RDG100, or placement Note: CGD104 must be taken first or concurrently with CGD101. CGD104 should be taken in the fall.
CGD109	Intro to Web Media	3			Prerequisite: RDG100 Note: CGD109 should be taken in the fall.
ART263	Drawing I	3			ENG100, RDG100, or placement
ENG101	English Composition I	3			ENG100, RDG100, or placement
CGD105	Electronic Illustration (<i>Illustrator</i>)	3			Prerequisite: CGD101 Note: CGD105 should be taken in the spring
CGD112	Communication in Design and Technology	3			Prerequisite: ENG100, RDG100 or placement.
CGD240	Creative Web Design (<i>Dreamweaver</i>)	3			Prerequisite: CGD109 or permission of the instructor. Note: CGD240 should be taken in the spring
	Social Science Elective	3			Electives: ANT, DSI, PSY, SOC, GEO, HIS, POL, ECO, SSC
ENG102	English Composition II	3			ENG101
CGD110	Introduction to Animation and Game Design (<i>Flash</i>)	3			Prerequisite: RDG100 and Basic Computer Skills (see page 174 for description). Note: CGD110 must be taken in the fall.
CGD204	Advanced Digital Imaging (<i>Photoshop</i>)	3			Prerequisite: CGD104 or permission of instructor Note: CGD204 should be taken in fall.
CGD241	Integrated Website Design (<i>Advanced Authoring: Dreamweaver</i>)	3			Prerequisite: CGW majors: CGD109 and CGD240 Non-majors: Permission of instructor Note: CGD241 should be taken in fall.
	CGW Restrictive Elective*	3			See elective list to the right
PER126/130	Health, Fitness, & Wellness Elective	2/3			Prerequisite: MAT092, RDG100, or placement Note: PER130 is recommended for transfer.
MAT126	Topics in Mathematics (<i>or higher</i>)	3			MAT096 or placement
CGD210	Advanced Website Portfolio (<i>Capstone Course</i>)	3			Prerequisite: CGD101, 104, 109, 110, 204, 240, 241 or permission of instructor Note: CGD210 should be taken in the spring.
	CGW Professional Elective**	3			See elective list to the right
	Business Elective	3			Electives: CIS119 Javascript for Designers is highly recommended
	Humanities Elective	3			Electives: ART, ASL, ENG, HUM, MUS, PHL, SPA, THE
	Science Elective	3/4			Electives: BIO, BTC, CHE, EAS, ENV, NRD, NUT, PHY
Total: 62/64 credits					

See page 94 of the college catalog for program competencies and technical standards.

Campus/format: This program can be completed during the day at the Gardner Campus.

Transfer options: Transfer agreements exist with Charter Oak State College, New England Institute of Art, and the University of Phoenix. Students are encouraged to continue their education in areas such as electronic media, marketing, or communications. Visit MWCC's transfer planning services website: <http://transer.mwcc.edu>.

3 Plus ONE eligible—go to: www.mwcc.edu/3PlusONE

Special requirements: CGW students should either have a computer at home with Internet access and the Adobe Creative Suite, or be able to spend time outside of class in the graphic design computer labs where Internet access and the Creative Adobe Suite are provided. A grade of C or higher is recommended for students taking CGD courses. Students should follow suggested course sequence since most courses are **not** offered out of sequence. Technical standards must be met with or without accommodations.

Career options: Web designers may be employed by advertising agencies, design firms, marketing departments, commercial art, reproduction firms, and other businesses that maintain websites. Also, many web designers/coordinators are self-employed.

Earning potential: \$41,764 to 54,788 per year.

***CGW Restrictive Electives for Web Majors:**

- CGD102 Publication Design
- CGD103 Print Production for Designers
- CGD205 Digital Photo Art
- CGD235 Typography in Visual Communication
- CGD242 Advanced Website Animation
- CGD244 Designing for E-commerce

****CGW Professional Electives for Web Majors:**

(CGW Professional electives also include the Restrictive Electives listed above.)

- BCT115 Digital Photography
- BCT235 DVD Authoring
- MKT142 Marketing
- MGT110 Small Business Management
- CIS109 Programming in Basic
- CIS119 JavaScript for Designers
- CIS130 Programming for the Web
- CIS218 E-commerce Systems
- THE113 Speech
- BUS125 Communication for Business and Industry