

## 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, and 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			<b>Prerequisites:</b> ENG100, RDG100, FYE101, or placement <b>Prerequisite or co-requisite:</b> CGD104 <b>Note:</b> CGD101 should be taken in the fall
CGD104	Digital Imaging	3			<b>Prerequisites:</b> Basic computer skills; ENG100, RDG100, FYE101, or placement <b>Note:</b> CGD104 should be taken in the fall
CGD109	Introduction to Web Media	3			<b>Prerequisites:</b> Basic computer skills; RDG100 or placement, <b>Note:</b> CGD109 should be taken in the fall
ART263	Drawing I	3			ENG100, RDG100, FYE101, or placement
ENG101	English Composition I	3			ENG100, RDG100, FYE101, or placement
CGD105	Electronic Illustration	3			<b>Prerequisite:</b> CGD101 or permission of division dean <b>Note:</b> CGD105 should be taken in the spring
CGD112	Communication in Multimedia Design	3			<b>Prerequisites:</b> ENG100, RDG100, FYE101, or placement; CGD109 or beginning HTML and CSS
CGD240	Creative Web Design	3			<b>Prerequisite:</b> CGD109 (grade C or better) or permission of division dean <b>Note:</b> CGD240 should be taken in the spring
	Social Science Elective	3			<b>Electives:</b> ANT, DSI, ECO, GEO, HIS, POL, PSY, SSC, SOC
ENG102	English Composition II	3			ENG101
CGD110	Introduction to Animation	3			<b>Prerequisites:</b> Basic computer skills; RDG100 or placement, <b>Note:</b> CGD110 should be taken in the fall
CGD204 or PHO115	Advanced Digital Imaging or Digital Photography	3			<b>Prerequisites:</b> Basic computer skills; CGD104 or permission of division dean
CGD241	Integrated Website Design	3			<b>Prerequisites:</b> CGD109 and CGD240 (grade C or better) or permission of division dean <b>Note:</b> CGD241 should be taken in the fall
CGD244	Designed for E-Commerce	3			<b>Prerequisites:</b> CGD109, CGD240 <b>Prerequisite or co-requisite:</b> CDG241
	Health Elective	2/3			<b>Electives:</b> BIO101, BIO103, BIO112, BIO230, CHC101, CHC108, CHC220, EXS201, PER126, PER127, PER130
MAT126	Topics in Mathematics (or higher)	3			MAT096 or placement
CGD210	Advanced Website Portfolio	3			<b>Prerequisites:</b> CGD101, 104, 109, 110 112, 204, 240, 241, 244, or permission of division dean <b>Note:</b> CGD210 should be taken in the spring
CGD242	Advanced Website Animation	3			<b>Prerequisites:</b> CGD109, CGD110 <b>Prerequisite or co-requisite:</b> CGD240 or permission of division dean.
	Business Elective	3			<b>Electives:</b> See Business Electives listed to the right
	Humanities Elective	3			<b>Electives:</b> ART, ASL, ENG, FRE HUM, MUS, PHL, SPA, THE
	Science Elective	3/4			<b>Electives:</b> BIO, BTC, CHE, EAS, EGM, NRD, PHY
<b>Total: 62/64 credits</b>					

See page 100 of the college catalog for program competencies and technical standards.

**Campus/format:** A majority of this program can be completed during the day at the Gardner Campus.

**Transfer options:** Transfer agreements exist with Charter Oak State College, 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 services website: <http://transer.mwcc.edu>.

3 Plus ONE eligible—go to:  
[www.mwcc.edu/3PlusONE](http://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:** \$30,600 to \$53,310.

### **\*\*Business Electives for Web Majors:**

ACC101 Principles of Accounting  
BUS125 Communication for Business and Industry  
CIS109 Programming in Basic  
CIS120 Microcomputer Applications  
CIS130 Programming for the Web  
CIS218 E-commerce Systems  
MGT110 Small Business Management  
MKT241 Advertising  
MKT142 Marketing