

# Information Technology Certificate

## Web Design

| Course #                                   | Course Title   | Credits        | Prerequisites   | Semester Offered                                     | Semester Taken | Grade Earned |
|--|--|----------------|---|--|----------------|--------------|
| GIT102                                     | Computer Keyboarding (or) 30wpm  | 1              | None (or) 30wpm   | Fall, Spring   |                |              |
| GIT180                                     | Intro. to the Internet   | 3              | ENL020 & ENL050 or satisfactory basic skills assessment score   | Varies   |                |              |
| GIT110                                     | Microcomputer Applications Software*   | 3              | GIT102 or equivalent, ENL020 & ENL050 or satisfactory basic skills assessment score   | Fall, Spring, Summer                                 |                |              |
| GIT105                                     | Office Communication Systems   | 3              | ENL020 & ENL050 or satisfactory basic skills assessment score   | Fall, Spring   |                |              |
| CSC110                                     | Computer Programming I: JAVA   | 3              | MAT030 or satisfactory basic skills assessment score  | Fall, Spring   |                |              |
| GIT183                                     | Web Site Design and Scripting  | 3              | GIT110  | Fall, Spring   |                |              |
| ART207<br>(or)<br>ART210<br>(or)<br>ART214 | Graphic Design I<br>(or)<br>Graphic Production & Layout I<br>(or)<br>Digital Imaging I | 3              | ART214 or ART205 or ART210; ART130 & ART137 recommended<br>(or)<br>GIT110; ART130 recommended<br>(or)<br>ENL010 & ENL040 or satisfactory basic skills assessment score & some computer experience; ART130 recommended | Fall, Spring<br><br>Fall, Spring<br><br>Fall, Spring |                |              |
| GIT184                                     | Web Authoring and Graphic Tools  | 3              | GIT110  | Fall, Spring   |                |              |
| CSC130<br>(or)<br>BIT220                   | Computer Programming II: JAVA<br>(or)<br>Internet Multimedia Development               | 4<br>(or)<br>3 | CSC110<br>(or)<br>GIT183; co-requisite: GIT184  | Spring<br><br>Fall                                   |                |              |
| BIT284                                     | JavaScript and JQuery Web Scripting  | 3              | GIT183  | Varies   |                |              |
| Total Credits                              |  | 27/28/29       |   |  |                |              |

### Overview

Students in the Web Design certificate develop skills in project management and teamwork while learning how to design and develop web sites using HTML, DHTML, Java, JavaScript, CGI, Perl, and web authoring and graphic software.

### Career Outlook

This occupational profile is provided by O\*NET.  
<http://www.onetonline.org/find/quick?s=Web+Site+Design>