Web Design and Development

Business and Information Technology  •  319-398-5416  •  800-363-2220

Entry time: Fall, Spring, Summer
Length: 1 year (3 semesters)
Award: Diploma

Program description:
Web design is a large and growing industry that combines the fields of graphic design, computer programming, multimedia and writing. Students learn the latest tools and techniques in digital media design and development.

This program was carefully developed to provide strong design principles, skills in the leading-edge software tools and hands-on experience. Students train in both the creative and technical aspects of Web design. The software applications used to develop creative Web pages are Macromedia Dreamweaver, Flash, Fireworks and Adobe Acrobat. Additional technical training is provided in basic programming code using Javascript, HTML and Visual Basic.Net.

A students who completes this diploma may continue at Kirkwood and enroll in Information Systems Management or Computer Information Systems and earn a two-year associate of applied science degree.

Employment opportunities:
• Web site designer
• Webmaster
• Web application developer (in-house graphics)

Statistics about the IT industry:
• The largest demand for Web professionals is in larger non-IT companies.
• 80 percent of all IT workers are employed by small companies.
• 92 percent of IT workers are employed by non-IT companies.

For information on salaries and careers in this field, check out these Web sites:
America’s Job Bank: www.ajb.dni.us
Cedar Rapids Metro: www.clickonmycareer.com
Salary: www.salary.com

Kirkwood Community College
Start Here. Go Anywhere!

www.kirkwood.edu  •  6301 Kirkwood Blvd. SW  •  P.O. Box 2068  •  Cedar Rapids, Iowa 52406
Web Design and Development

One-year program – Diploma

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCA-212</td>
<td>Intro to Computer Business Apps <strong>OR</strong></td>
<td>3</td>
</tr>
<tr>
<td>CSC-110</td>
<td>Intro to Computers</td>
<td></td>
</tr>
<tr>
<td>BCA-290</td>
<td>Web Design Principles</td>
<td>3</td>
</tr>
<tr>
<td>CIS-126</td>
<td>Intro to Programming Logic with language</td>
<td>4</td>
</tr>
<tr>
<td>BCA-767</td>
<td>Adobe Acrobat</td>
<td>2</td>
</tr>
<tr>
<td>MKT-110</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td><strong>Second Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BCA-292</td>
<td>Media Tools for the Web</td>
<td>3</td>
</tr>
<tr>
<td>CIS-190</td>
<td>Internet Programming I</td>
<td>4</td>
</tr>
<tr>
<td>CIS-609</td>
<td>Visual Basic.Net</td>
<td>4</td>
</tr>
<tr>
<td>COM-710</td>
<td>Basic Communications</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>14</td>
</tr>
</tbody>
</table>

**Total program credit hours** 38

This diploma articulates into two different programs at Kirkwood, providing students the opportunity to expand their IT skills and pursue a two-year degree.

Students who want to enroll in Information Systems Management need to contact Marilyn Beebe in Nielsen Hall 237A.

Students who want to enroll in Computer Information Systems need to contact Ken Riha in Nielsen Hall 203.

To get more information about these degrees, stop by the Department of Business and Information Technology in Nielsen Hall 203, or visit the Kirkwood Web site at www.kirkwood.edu.

Web Design and Development Program Coordinator
Jeremy Bechen
236 Nielsen Hall
319-398-5899 ext. 5954
jeremy.bechen@kirkwood.edu

Information Systems Management Program Coordinator
Marilyn Beebe
237A Nielsen Hall
319-398-5535
marilyn.beebe@kirkwood.edu

Iowa City Program Coordinator
Steve Abram
106 Iowa City Center
319-887-3629
steve.abram@kirkwood.edu

06/07 • Effective Summer 2007