

Internet-Web Page Design Specialist Program

Division of Business — Curriculum Code: 3304

Will Earn Upon Program Completion: Certificate in Internet-Web Page Design Specialist

Why major in Internet-Web Page Design?

Individuals and businesses today are increasingly turning to the World Wide Web to advertise and sell products and services. The demand for individuals who can create websites is growing rapidly. This program prepares students to acquire the skills needed to create interactive and complex Web sites. The program enables students to design Web sites whose look and feel effectively communicate an organization's message to its intended audience.

If I major in Internet-Web Page Design, can I transfer to an upper-division college or university?

The major is designed to prepare students for entry-level positions as Webmasters. While the program is not designed for transfer to a baccalaureate program, Essex County College will apply some or most of the courses you have taken toward an associate degree. Consult your faculty advisor for more information.

Are there any requirements I must satisfy before I start taking courses in my major?

Based on your placement test scores, you may have to take developmental courses in reading, English, and/or mathematics before taking courses in your major.

How long will it take for me to complete this certificate?

If you do not need developmental course work, and you register for 15 credits, you may complete the certificate in one semester.

Where should I direct specific questions about this program?

Contact the Business Division at (973) 877-3222.

Upon completion of this program, graduates will be able to:

- ◆ Conduct research using the Internet;
- ◆ Plan layouts and build and maintain Web pages;
- ◆ Use Hypertext Markup Language, the source code for creating Web pages;
- ◆ Develop advanced page layouts using tools such as nested tables, frames, and cascading style sheets;
- ◆ Use the principles of graphic design;
- ◆ Create interactive Web content with JavaScript, the most common scripting language used on the Internet;
- ◆ Create pop-up windows and scrolling messages; and
- ◆ Generate complex and dynamic Web pages and forms.

Internet-Web Page Design Specialist — Certificate Program

<p>MAJOR COURSE REQUIREMENTS: (15 credits)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CIS</td> <td style="width: 10%;">136</td> <td style="width: 70%;">Desktop Publishing for IBM Compatibles</td> <td style="width: 10%; text-align: right;">3</td> </tr> <tr> <td>CIS</td> <td>139</td> <td>Introduction to Multimedia</td> <td style="text-align: right;">3</td> </tr> <tr> <td>CIS</td> <td>152</td> <td>Internet Concepts</td> <td style="text-align: right;">3</td> </tr> <tr> <td>CIS</td> <td>153</td> <td>Adv. Internet Concepts and Applications</td> <td style="text-align: right;">3</td> </tr> <tr> <td>ART</td> <td>161</td> <td>Computer Enhanced Layout and Design</td> <td style="text-align: right;">3</td> </tr> <tr> <td colspan="3">Total Credits Required for Certificate</td> <td style="text-align: right;">15</td> </tr> </table>	CIS	136	Desktop Publishing for IBM Compatibles	3	CIS	139	Introduction to Multimedia	3	CIS	152	Internet Concepts	3	CIS	153	Adv. Internet Concepts and Applications	3	ART	161	Computer Enhanced Layout and Design	3	Total Credits Required for Certificate			15	<p>RECOMMENDED SEQUENCE OF COURSES:*</p> <p><u>First Semester</u></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CIS</td> <td style="width: 10%;">136</td> <td style="width: 70%;">Desktop Publishing for IBM Compatibles</td> <td style="width: 10%; text-align: right;">3</td> </tr> <tr> <td>CIS</td> <td>139</td> <td>Introduction to Multimedia</td> <td style="text-align: right;">3</td> </tr> <tr> <td>CIS</td> <td>152</td> <td>Internet Concepts</td> <td style="text-align: right;">3</td> </tr> <tr> <td>CIS</td> <td>153</td> <td>Adv. Internet Concepts and Applications</td> <td style="text-align: right;">3</td> </tr> <tr> <td>ART</td> <td>161</td> <td>Computer Enhanced Layout and Design</td> <td style="text-align: right;">3</td> </tr> </table>	CIS	136	Desktop Publishing for IBM Compatibles	3	CIS	139	Introduction to Multimedia	3	CIS	152	Internet Concepts	3	CIS	153	Adv. Internet Concepts and Applications	3	ART	161	Computer Enhanced Layout and Design	3
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***NOTE:** This plan assumes the completion of all required developmental courses in reading, writing, and mathematics as well as other pre- and co-requisites for some of the courses, as listed in the Course Descriptions section.