ILlINOIS VALLEY COMMUNITY COLLEGE

COURSE OUTLINE

DIVISION: Workforce Development

COURSE: CSN 1202 – Web Site Development

Date: Spring 2014

Credit Hours: 3

Prerequisite(s): Previous Computer and Internet Experience

Delivery Method: Lecture 2 Contact Hours (1 contact = 1 credit hour)
Seminar 0 Contact Hours (1 contact = 1 credit hour)
Lab 2 Contact Hours (2 contact = 1 credit hour)
Clinical 0 Contact Hours (3 contact = 1 credit hour)
Online
Blended

Offered: Fall Spring Summer

IAI Equivalent – Only for Transfer Courses go to http://www.itransfer.org:

CATALOG DESCRIPTION:
This course covers the concepts necessary to design, create and maintain a quality website. Students will learn about web design standards, design strategies for developing websites, and development tools. Using Adobe Dreamweaver students will use HTML, XHTML, cascading style sheets (css) to build a website. Topics include HTML and XHTML Basics, CSS Basics, page layout, working with images, navigation, creating tables, creating and managing forms and form data, using templates, adding web animation and video, optimizing webpages for mobile devices and printing, and publishing and managing a website.
GENERAL EDUCATION GOALS ADDRESSED
[See the last page of this form for more information.]
Upon completion of the course, the student will be able:
[Choose those goals that apply to this course.]

☑ To apply analytical and problem solving skills to personal, social and professional issues and situations.
☐ To communicate orally and in writing, socially and interpersonally.
☐ To develop an awareness of the contributions made to civilization by the diverse cultures of the world.
☑ To understand and use contemporary technology effectively and to understand its impact on the individual and society.
☐ To work and study effectively both individually and in collaboration with others.
☐ To understand what it means to act ethically and responsibly as an individual in one’s career and as a member of society.
☐ To develop and maintain a healthy lifestyle physically, mentally, and spiritually.
☐ To appreciate the ongoing values of learning, self-improvement, and career planning.

EXPECTED LEARNING OUTCOMES AND RELATED COMPETENCIES:
[Outcomes related to course specific goals.]
Upon completion of the course, the student will be able to:
1. Use the Web Design Standards to evaluate web sites
2. Navigate the Adobe Dreamweaver workspace
3. Construct an effective design plan that demonstrates design and navigation principles
4. Construct a web site that conforms to the Web Design Standards
5. Design web forms
6. Optimize Webpages for Print and Mobile Devices Output
7. Publish a web page

Outcome 1 - Use the Web Design Standards to evaluate and construct web sites.
Competency 1.1 - Identify why it is important to develop websites that comply with web standards.
Competency 1.2 - Describe the differences between HTML, CSS, and XHTML.

Outcome 2 - Navigate the Adobe Dreamweaver workspace
Competency 2.1 - Demonstrate how to work in switching and splitting view
Competency 2.2 - Demonstrate effective use of the Dreamweaver workspace
Competency 2.3 - Create a custom Dreamweaver workspace
Competency 2.4 - Evaluate the web page properties with the Property Inspector

Outcome 3 - Create an effective design that demonstrates knowledge of design and navigation principles
Competency 3.1 - Implement design principles in a web design plan
Competency 3.2 - Use color theory to create effective and useable sites
Competency 3.3 - Create navigation schemes that will increase user success
Outcome 4- Construct a web site that conforms to the Web Design Standards
Competency 4.1 Perform basic HTML editing
Competency 4.2 Use Cascading Style Sheets (CSS)
Competency 4.3- Create a Page Layout
Competency 4.4- Create Text, Lists and Tables
Competency 4.5- Use, Modify and Create Templates
Competency 4.6- Format Graphics for web use
Competency 4.7- Implement an effective website navigation
Competency 4.8- Add Animation and Video to a web site.

Outcome 5- Design web Forms
Competency 5.1- Create form fields
Competency 5.2- Work with online data
Competency 5.3- Build Dynamic pages with Data with PHP

Outcome 6- Create e Styles for Print and Media Queries
Competency 6.1 Custonize the CSS for Printing
Competency 6.1 Customize the CSS for Mobile Devices

Outcome 7-Publish a web page
Competency 7.1 Add a description to a page
Competency 7.2 Validate the site HTML and CSS
Competency 7.3 Test web site in BrowserLab
Competency 7.4 Log in to a remote server
Competency 7.5 Run site reports

COURSE TOPICS AND CONTENT REQUIREMENTS:
- Plan and Create a Web site
- Demonstrate a Knowledge of Web Standards
- Exploring the Dreamweaver Workspace
- Use Cascading Style Sheets (CSS) to format text and pages
- Use Images on a Web Page
- Use Tables for Data and Layout
- Using Forms to Capture Data
- Use Templates to Design Pages

INSTRUCTIONAL METHODS:
- Lecture
- Lab
- Discussion
- Team Research and Presentation
- Individual Research and Presentation
- Special Project and Problem Solving
INSTRUCTIONAL MATERIALS:
Textbook:

http://www.w3.org/

Handouts

STUDENT REQUIREMENTS AND METHODS OF EVALUATION:
Class Discussion
Quizzes
Team Projects
Team Presentation
Special Individual Project
Exercises and Problems
Web site rubric

OTHER REFERENCES


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<tr>
<th>Assessment Measures – Are direct or indirect as indicated. List competencies/outcomes below.</th>
<th>Assessment of Student Learning</th>
<th>Assessment Options</th>
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For each competency/outcome place an “X” below the method of assessment to be used.