



BAKER COLLEGE

STUDENT LEARNING OUTCOMES

WEB 1310 Web Development I
3 Semester Hours

Student Learning Outcomes and Enabling Objectives

1. Use the Hypertext Mark-up Language (HTML) and Cascading Style Sheets (CSS) to create Web pages.
 - a. Utilize semantic mark-up to structure page content.
 - b. Implement tables, frames, and forms as needed.
 - c. Utilize CSS to brand page content
 - d. Implement CSS using inline, common, and embedded style.
2. Analyze site performance to include search engine and speed of Web site.
 - a. Implement development tools to improve site performance.
 - b. Analyze the data output from the development tools to determine action steps.
3. Implement the foundational processes of Web design and development.
 - a. Apply appropriate Web accessibility for a variety of people and devices.
 - b. Validate Web pages to the W3C Web standards.
 - c. Use HTML for semantic structure of Web site content.
 - d. Define the purpose of JavaScript and JavaScript frameworks.
 - e. Implement an ongoing process of critiquing Web designs.
4. Use tools for Web design and development.
 - a. Utilize Dreamweaver as a text editor.
 - b. Introduce the concepts and capabilities of HTML5 APIs and other Web APIs.
 - c. Investigate resources for troubleshooting.
 - d. Develop a strategy to stay current in Web design and development.

Big Ideas

- Accessibility, usability, design, and performance optimization
- Tools
- Components
- Site maintenance best practices
- Evolution of Web practices and standards

Essential Questions

1. What determines a quality Web site?
2. How do foundational processes impact Web design and development?
3. What is the importance of the components/tools on Web design?
4. How do you continuously improve the quality of a Web site through the use of site maintenance and best practices?

5. How do you apply evolution/trends of Web practices and standards on your present Web designs?

These SLOs are approved for experiential credit.

Effective: Fall 2017