



BAKER COLLEGE

STUDENT LEARNING OUTCOMES

WEB1320 Web Development II
3 Semester Hours

Student Learning Outcomes and Enabling Objectives

1. Implement the design criteria needed to develop a quality responsive Web site.
 - a. Apply fluid layout to develop Web page content.
 - b. Implement flexible content as needed.
 - c. Choose media queries as needed to build Web page content.
 - d. Demonstrate that the developed Web product can be used by multiple web-enabled devices.

2. Utilize version control as a means to provide continuous support in Web projects.
 - a. Install version control application.
 - b. Describe what version control is and how it benefits a Web project.
 - c. Prepare a repository (archive) of a Web project.
 - d. Determine when it is necessary to commit changes to the repository.

3. Analyze a variety of workflow options that can be used to meet the deadline of a quality Web design project.
 - a. Explore the content and styling requirements of a project to determine the necessary tools for completion.
 - b. Explain a plan with each step of the project to the stakeholders.
 - c. Describe the desired outcome at the end of the Web design project.
 - d. Determine the planning needed for a successful Web design project.
 - e. Choose tools that support the workflow.
 - f. Identify a timeline that addresses the need for Web site project management.
 - g. Interpret the needs of stakeholders as they relate to the Web site project.

4. Explore dynamic and interactive interfaces in Web site development.
 - a. Assess the application of JavaScript and jQuery for Web design projects.
 - b. Code the correct JavaScript syntax.
 - c. Determine the logic required in order to develop a quality Web site.
 - d. Apply techniques necessary to debug a Web site.

Big Ideas and Essential Questions

Big Ideas

- Responsive Web design
- JavaScript/jQuery
- Enhanced application
- Version control (Git)

Essential Questions

1. Why develop responsive Web sites?
2. What determines a quality responsive Web site?
3. What is the importance of workflow in the Web design and development process?

These SLOs are approved for experiential credit.

Effective: Fall 2017