



# BAKER COLLEGE

## STUDENT LEARNING OUTCOMES

WEB2110 Web Scripting  
3 Semester Hours

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### Student Learning Outcomes and Enabling Objectives

1. Develop JavaScript web applications using a variety of techniques.
    - a. Analyze problems to determine an appropriate solution based on requirements provided.
    - b. Solve problems using JavaScript language methods to satisfy requirements.
  2. Test JavaScript programs to identify and fix programming errors.
    - a. Debug JavaScript Programs using available tools.
    - b. Resolve coding errors to achieve a successful result.
  3. Integrate JavaScript into a cohesive business-related web site.
    - a. Plan the design of a web site to satisfy a business need.
    - b. Implement the design of a web site using specified JavaScript capabilities.
  4. Communicate information effectively to a customer.
    - a. Organize information for online presentation.
    - b. Prepare a structured presentation of an original web site.
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### Big Ideas and Essential Questions

#### Big Ideas

- Web Site Development
- Software Development
- Software Testing
- Software Integration
- Communication

#### Essential Questions

1. What are software requirements?
  2. Why would you use JavaScript versus another language?
  3. How do you use JavaScript?
  4. What are the benefits of using JavaScript?
  5. What are programming errors?
  6. How do you fix programming errors?
  7. How do you integrate JavaScript into a web site?
  8. Who is the customer?
  9. Why do you communicate information to the customer?
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These SLOs are approved for experiential credit.

Effective: Fall 2017