

# Bemidji State University

## CS 2270: Introduction to Web Programming

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course expands on basic knowledge of markup languages and web programming languages. Students learn how to use current web markup languages, aspects of various transfer protocols, and client-side scripting languages. All of these topics support the development of both web pages and web sites.

Prerequisite: CS 1309 or (CS 1107 and CS 1108).

**B. COURSE EFFECTIVE DATES:** 06/01/2009 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. CSS cascading and inheritance
2. CSS page layout
3. CSS syntax
4. HTML elements, syntax and semantics
5. JavaScript data types and operators
6. JavaScript events and event handling
7. JavaScript functions and control structures
8. The document object model
9. Web design issues

### D. LEARNING OUTCOMES (General)

1. demonstrate understanding of using CSS to generate web page layout.
2. demonstrate using JavaScript to make web pages interactive.
3. demonstrate understanding of CSS syntax, cascading and inheritance.
4. demonstrate mastery of HTML elements.
5. demonstrate understanding of the document object model.

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted