

## Based on ABET CAC Student Learning Outcomes

**1. Course Number and Name:**

CSET 3250 Client-Side Scripting

**2. Credits and Contact hours:**

Credits: 3 hours, Contact: 3 lecture hours

**3. Instructor's or course coordinator's name:**

Hong Wang

**4. Text book, title, author, and year:**

None

**a. Other supplemental materials:**

Course Web Site

**5. Specific Course Information:**

**a. Brief description of the content of the course (catalog description):**

Introduction to the Document Object Model (DOM), JavaScript and VBScript scripting languages, cascading style sheets, browser recognition, browser-specific content, data validation and layers.

**b. Pre-requisites, or co-requisites:**

CSET 3100

**6. Specific goals for the course:**

**a. Specific outcomes of instruction:**

1. Utilize an application development methodology.
2. Design client-side Web applications.
3. Program client-side Web applications.
4. Explain and utilize object models.
5. Methodically handle browser and platform compatibility and security issues.

**b. Explicitly indicate which of the student outcomes listed in Criterion 3 or any other outcomes are addressed by the course: b, i**

- B. An ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.
- I. An ability to select and apply current techniques, skills, and tools necessary for computing practice.

**7. Brief list of topics to be covered:**

1. Course Overview
2. Javascript
3. Programming Constructs
4. Objects and Properties
5. Forms and Events
6. VBScript Fundamentals
7. Programming Constructs
8. Objects and VBScript

9. VBScript and Forms
10. Java Applets
11. Applet and Parameter tags
12. Applet GUI Methods.