



## JAVASCRIPT FOR DESIGNERS — WEBD 2705

### A. Course Description

- **Credits:** 2.00
- **Lecture Hours/Week:** 1.00
- **Lab Hours/Week:** 1.00
- **OJT Hours/Week:** 0
- **Prerequisites:** None
- **Corequisites:** None
- **MnTC Goals:** None

This course explores the basics of JavaScript code and how to write it. Use of JQuery libraries and Dreamweaver snippets are explored. Students use Dreamweaver to incorporate JavaScript into designed web pages. Previous knowledge of HTML and CSS is required.

### B. Course Effective Dates: 1/12/15 – Present

### C. Outline of Major Content Areas

As noted on course syllabus

### D. Learning Outcomes

1. Apply Javascript syntax structure
2. Create forms and form fields
3. Create webpages with Dreamweaver
4. Define DOM
5. Define arrays
6. Define classes and objects
7. Define comparison operators
8. Define conditional statements
9. Define cookies, data types, functions, timers, variables, and constants.
10. Demonstrate debugging techniques
11. Describe dynamic content
12. Examine Interaction with HTML and CSS
13. Examine data submission and retrieval to and from server pages
14. Reference w3schools.com
15. Research AJAX and XML

16. Upload files to test server
17. Utilize Dreamweaver
18. Utilize JQuery
19. Utilize behaviors, snippets, and widgets in Dreamweaver
20. Utilize form validation scripts

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

**F. Learner Outcomes Assessment**

As noted on course syllabus

**G. Special Information**

None noted