

# CIS 377 W1 FALL 2009 CSM

## INTERNET PROGRAMMING: JAVASCRIPT/HTML

**INSTRUCTOR** Melissa Green [greenm@smccd.edu](mailto:greenm@smccd.edu) <http://www.smccd.net/accounts/greenm>  
Office: 12-188F 650-574-6374 Virtual office hours: Tuesday 6:30-8:30 PM

**COURSE** CIS 377 W1 CRN 90066 2 Units

### NO ON-CAMPUS MEETINGS

**Midterm Exam: due Friday, September 17 Final Exam: due Monday, October 12**

**TEXT** Murach's JavaScript and DOM Scripting by Ray Harris  
Murach ISBN 978-1-890774-55-4

### COURSE DESCRIPTION

Study of the object-oriented computer programming language JavaScript. Covers a quick overview of HTML (HyperText Markup Language), basic components of the JavaScript language, and the client side of JavaScript running on Web browsers, variables, functions, event handlers, objects, form validation, image and form objects, frames, windows, and cookies

**Prerequisite:** CIS 111 or CIS 125 or CIS 118/119 or CIS 254 or equivalent.

**Recommended Preparation:** Eligibility for ENGL 836 or 848 and familiarity with the Internet.

### GRADING

Assignments	50%	90-100	A	80-89	B
Midterm Exam	25%	70-79	C	60-69	D
Final Exam	25%	0-59	F		

**Students with grades one point below cutoff will be promoted to the next highest grade if they have completed all assignments.**

This course does allow "pass/no pass" grading. You must maintain a "C" average to receive credit for this course.

### IMPORTANT DATES

Friday, August 21, 2009	Last day to add class
Friday, August 21, 2009	Last day to drop with eligibility for fee credit or refund
Friday, August 21, 2009	Last day to declare pass/no pass option
Friday, September 4, 2009	Last day to drop class with no notation on student record
Friday, September 25, 2009	Last day to withdraw with a "W" on student record

### COMPLETING ASSIGNMENTS

This course will require **at least** eight hours of computer work each week in addition to preparation time. There will be 5 programming assignments that will be graded on style and correctness, as well as other assignments. All assignments must be submitted by upload to WebAccess. Students are expected to do their own work. Any case of duplicate assignments will result in a grade of zero for all people involved. All assignments are due at 11:45 PM on the due date. Late assignments will have a 50% penalty and are accepted only up through the Monday following the due date. **NOTE: any questions asked about an assignment on the due date will be answered the following day.**

## **FINAL EXAM SCHEDULE**

The final exam covers all material for the semester.

**CIS 377 W1 due Monday, October 12, 2009**

## **PARTICIPATION**

You should log into the class WebAccess site **at least** 5 times a week. Under normal circumstances I do **NOT** drop students from the class rolls. It is the student's responsibility to file the paperwork needed to drop or withdraw from this class. If you simply stop participating in the class you will probably receive an "F".

## **STUDENT LEARNING OUTCOMES**

Upon completion of this course, students should be able to

- Write client-side JavaScript programs for executing in a Web browser.
- Develop interactive Web applications using event handlers.
- Design, test, and debug functions.
- Understand and employ control structures in JavaScript programs.
- Create and use arrays to store data.
- Explain and access the Document Object Model.
- Perform basic form validation.
- Create cookies to track and save Web preferences.
- Design and implement an advanced project using JavaScript and HTML.