

SOUTHERN MAINE COMMUNITY COLLEGE
South Portland, Maine 04106
Course Syllabus
Fall 2016

Course Title: Scripting for the Web
Catalog Number: CNMS 266
Credit Hours: 3
Total Contact Hours: 45

Instructor: Valerie Green
Email : vgreen@smccme.edu
Phone : 207-558-2453 (SMS or voicemail)
Office Hours: see Welcome / Start Here
page in Blackboard

Course Description

Scripting for the Web is a second level course focusing on the use of browser scripting to enhance the end user browser experience. Students use script to respond to browser events, exchange data with various Web Services APIs, resolve security issues, affect the look and behavior of Web pages at run-time, interact with multimedia elements, and store browser and user information locally. Over the course of the semester, students develop and refine a series of solutions that can be used in future situations.

Prerequisite: CNMS 165 (Website Production) or CMPT 105 (Introduction to Web Programming)

Course Objectives:

Upon successful completion of this course, the student will:

- Effectively use common programming constructs such as variables, conditionals, loops, objects, and arrays
- Modify the Document Object Model in response to browser events
- Fetch data from the Internet using a variety of APIs
- Find and fix browser security issues
- Serialize user data to provide a persistent user experience

Text & Supporting Materials:

Required:

Head First HTML5 Programming

Authors: Eric Freeman & Elisabeth Robson

Publisher: O'Reilly

ISBN: 978-1-4493-9054-9

This title is also available as an e-book or as an e-book + print bundle.

Course Requirements

Projects	45%
Quizzes	10%
Mid-term Exam	15%
Final Project	15%
Participation in Discussions	15%

Learning Outcomes

This course seeks to develop the following core abilities:

Global Awareness / Diversity

- Identify resources and strategies needed to problem solve and/or achieve goals inclusive of diverse perspectives and experiences.
- Demonstrate the ability to work collaboratively with people from diverse backgrounds in pursuit of a common objective or goal utilizing interpersonal skills that are essential to team building, conflict resolution and cross-cultural communication.

Critical Thinking

- A student can interpret information logically by selecting and organizing relevant facts and opinions and identifying the relationships among them.
- A student can analyze an issue or problem by separating it into its component parts and investigating the relationship of the parts to the whole.
- A student can synthesize information by combining ideas from multiple sources to come to an independent conclusion.
- A student can evaluate information by making informed judgments as to whether the information is accurate, reliable or useful.
- A student can apply theory to practice.

Communications

- Demonstrate a command of the English language
- Identify and extract relevant data from written and oral presentations

Academic Dishonesty

Plagiarism and cheating are serious offenses and may be punished by failure on exam, paper or project; failure in course; and or expulsion from the University. Plagiarism will be reported as a violation of the Student Code of Conduct. For more information refer to the "Academic Dishonesty" policy in the University Undergraduate Catalog.

Attendance & Missed/Late Work Policy

You are required, as stated in the college handbook, to attend all classes. A portion of your grade is determined by your attendance and active participation. Points will be deducted for absences. There are no "excused" absences. You have one "free" absence to use for the semester. Two consecutive unexcused absences will result in a reporting of your "Last Date of Attendance" which will show up as an AF (automatic failure). Three total absences will result in an F (failure) for the course.

Student Evaluation and Grading

Students' work will be evaluated on their knowledge and practice of class room work, reading, and task work; contribution to class discussion and the quality of production skills (this includes technical and aesthetic concerns.) In addition, grading and evaluation will include attention to deadlines and requirements specific to the assignments. The requirements for each project will be broken down and explained in greater detail when the project is assigned. Each assignment handout includes a detailed rubric. Please ask questions if anything is not perfectly clear.

Grading Scale:

93-100	A
90-92	A-

87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
0-62	F

ADA Syllabus Statement

Southern Maine Community College does not discriminate in its education and employment programs on the basis of age, race, color, gender, sexual orientation, national origin, disability, or religion. The College complies with Title VI of the Civil Rights Act of 1964, Title IX Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act (ADA) of 1990.

Inquiries regarding Title VI and Title IX may be made to the Affirmative Action Officer.
Telephone (207) 741-5798

If you have a disabling condition and wish to request accommodations in order to have reasonable access to programs and services offered by SMCC, you must register with the ADA Services Coordinator: Mark Krogman: Telephone (207) 741-5629, TTY (207) 741-5667

Add/Drop Policy

Students who drop a course during the one-week "add/drop" period in the fall and spring semesters and the first three days of summer sessions receive a 100% refund of the tuition and associated fees for that course. Please note any course that meets for less than the traditional semester length, i.e., 15 weeks, has a pro-rated add/drop period. There is no refund for non-attendance.

Withdrawal Policy

A student may withdraw from a course only during the semester in which s/he is registered for that course. The withdrawal period is the second through twelfth week of the fall and spring semesters and the second through ninth week of twelve-week summer courses. This period is pro-rated for shorter-length courses. To withdraw from a course, a student must complete and submit the appropriate course withdrawal form, available at the Enrollment Service Center (no phone calls, please). The designation "W" will appear on the transcript after a student has officially withdrawn. A course withdrawal is an uncompleted course and may adversely affect financial aid eligibility. Failure to attend or ceasing to attend class does not constitute withdrawal from the course. There is no refund associated with a withdrawal.

SMCC Pay-for-Print Policy

Students can print 150 pages per semester free of charge. If you print over 150 pages, you will be charged 10 cents per page to your student billing account for tuition and fees. Leftover pages from each semester will not be rolled over to the following semester. The College's pay-for-print system monitors printing on all public printers (i.e. those in general access labs, library printers, the Academic Achievement Center, Noisy Lounge and technology labs). Each time you log-in to the system, the print station displays the remaining print quota. Once the printing quota has been exceeded, users will be charged \$ 0.10 per page or \$.05 per side if the printer prints on both sides on their student accounts on a monthly basis. Color printouts will be charged at 11 page units. This means each color printout will count as 11 pages toward the quota and will cost \$1.10.