CIS89C: Client-Side Programming with JavaScript

Green Sheet

COURSE DATA

Course number:	CIS 089C-62Y
Course title:	Client-Side Programming with JavaScript
Term:	Fall 2014
Instructor:	Hann So email: sohann@fhda.edu http://voyager.deanza.edu/~hso/cis89c voice mail message: 864-8999 x3246 My email is the preferred method of contact. If you email me, I will respond within 24 hours.
Number of credits:	4.5
Number of hours per week:	Four hours lecture, seven hours laboratory (66 hours per quarter)
Schedule:	Lecture: 6:00 - 6:50PM MW L75 Lab: 7:00 - 7:50PM MW L75 Online Lab: 8:00 - 9:15 PM Th
Required textbook:	JavaScript and JQuery: Interactive Front-End Web Development by Jon Duckett. Publisher: Wiley; 1 edition (June 30, 2014). ISBN-13: 978-1118531648 De Anza College Bookstore Phone: 408-864-8907 or 864-8949 http://books.deanza.edu/home.aspx

Welcome

Welcome to Client-Side Programming with JavaScript. I am pleased you are joining us for this class. I want to take this opportunity to welcome you and to give you an overview of what to expect and what you need to do next. I am looking forward to this quarter with you.

Course Description

Fundamentals of client-side programming for Web pages requiring data collection or other user interaction. Students will create Web pages that execute on the client machine using JavaScript.

Student Learning Outcome Statements (SLO)

Upon completion, students will be able to:

- Write functions and scripts using JavaScript.
- Create web pages using Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), JavaScript, and the Document Object Model (DOM), and demonstrate how they interact together within a web document.

Requirements

- Access to a computer with an Internet connection
- Have an E-mail address

- You must have access to a current Firefox, IE, Chrome, Opera or Safari for cross brower testing.
- Bring a USB jump drive to save your work and to carry work from school to home. Alternately you can use FTP to transfer data from the school Linux server (voyager).

Attendance and Participation

Your prompt attendance is expected at all class sessions. Notify me in advance of your absence.

The end of the 8th week is the deadline for withdrawal with a "W". Please refer to the Schedule of Classes for the exact date. It is your responsibility to withdraw if desired; otherwise, the earned grade will be assigned for the quarter. See De Anza Academic and Administrative Calendar for the deadlines.

Scholarly Conduct

The De Anza College student handbook (https://www.deanza.edu/studenthandbook/academic-integrity.html), in the section titled "What is Academic Integrity? Honor Code Definition," states that "As a student at De Anza, you join a community of scholars who are committed to excellence in the teaching/learning process. We assume that all students will pursue their studies with integrity and honesty; however, all students should know that incidents of academic dishonesty are taken very seriously. When students are caught cheating or plagiarizing, a process is begun which may result in severe consequences." An infraction of Academic Integrity may result in a failing grade.

Assignments

The assignments will be graded online. When you complete an assignment, you must upload it and send me an e-mail notification that the assignment is complete. Otherwise I don't know. Your grade on the assignment will be returned electronically.

Late Work

Late work will be assigned a 10% per day penalty. Work submitted over two weeks late will earn a maximum of 10%.

Tests

There will be midterm and final exams.

Grading

Grading is on an absolute scale as shown below.

Assignments	290
Labs	310
Midterm Exam	150
Final Exam	250
	1000

Points	Grading
950-1000 (95-100%)	A
900-949 (90-94%)	A-
870-899 (87-89%)	B+
840-869 (84-86%)	B
800-839 (80-83%)	B-
770-799 (77-79%)	C+

740-769 (74-76%)	C
700-739 (70-73%)	C-
670-699 (67-69%)	D+
640-669 (64-66%)	D
600-639 (60-63%)	D-
0-599 (0-59%)	F

Final Grades

You may access your final grades by going to My portal at https://myportal.fhda.edu/cp/home/displaylogin.

Schedule of Assignments

Week	Reading	Lab and Assignment
Week 1	Introduction JavaScript Developing in JavaScript The Basics	Lab 1 Assignment 1
Week 2	The Basics Text Output Dialog Boxes Error Messages EData Types Variables Expressions and Operators	Lab 2 Lab 3 Assignment 2
Week 3	Statements Functions Objects Conditionals	Lab 4 Lab 5 Assignment 3
Week 4	Arrays Loops	Lab 6 Lab 7 Assignment 4
Week 5	window Object document Object location Object link and anchor Objects history Object screen Object Navigator Object	Lab 8 Lab 9 Assignment 5
Week 6	Document Object Model (DOM) Events and Event Handlers	Lab 10 Lab 11 Assignment 6
Week 7	Regular Expression String Object Midterm Exam	Lab 12
Week 8	Client Detection Math Object Number Object Date Object JavaScript and CSS	Lab 13 Lab 14 Lab 15 Assignment 7
Week 9	Form Object Button, Submit, and Reset Objects	Lab 16

	Text Object	Assignment 8
Week 10	Checkbox Object Radio Object Password, Hidden, Select, fileUpload Objects HTML5 Constraint Validation API Cookies Image and Area Objects	Lab 17 Lab 18 Lab 19 Assignment 9
Week 11	Error Handling JavaScript Examples jQuery jQuery Functions and Events	Lab 20 Lab 21
Week 12	Final Exam	

Notice on Learning Disabilities

If there are any students with a learning disability or physical challenge, you are entitled to any assistance you need to achieve your academic goals. De Anza College has an on-campus lab with talking computers, print enlargers, tactile maps of the campus, and other alternate learning options. If you or anyone you know would benefit from such a service, please call Disabled Student Services at (408) 864-8753.
TTY number: (408) 864-5650

Please also contact us if you have suggestions for making this course more learning accessible for you.