David Humphrey WEB222 SAA
Course Outline: https://ict.senecacollege.ca/course/web222, web222.ca

Week	Start Date	Topics	Task / Test (Tentative)	Task(s) Due (Tentative)
1	Sep 4th	• Course Introduction • Internet architecture • Introduction to JS		
2	Sep 10th	• JavaScript Functions • Built-in / Global Functions • Variable Scope & Closures	Assignment 1 Released	
3	Sep 17th	• Built-In Objects: String, Array, Regex	Test 1	
4	Sep 24th	• Built-In Objects: Date, Math • User-Defined Objects • Prototypal Inheritance	Test 2 Assignment 2 Released	Assignment 1 Due

5	Oct 1th	• What is HTML? / Document structure & overview • HTML5 Structural Elements • Important HTML elements and using them • Using JavaScript in a HTML Page	Test 3	
6	Oct 8th	• More on HTML & DOM (lists, tables) • Image elements & figure elements • Multimedia - audio and video	Assignment 3 Released Test 4	Assignment 2 Due
7	Oct 15th	• Document Object Model (DOM) • DOM Tree, Node, Events • Creating & Selecting Nodes (elements) / Modifying the DOM Tree	Test 5	Assignment 3 Due
Study Break				

8	Oct 29th	• Introduction to CSS (Syntax / Structure, Selectors, Web Colors, Units) • CSS Properties / Values (Fonts, Text Effects, Lists, Tables, Links) • Updating CSS using the DOM	Assignment 4 Released	
9	Nov 5th	• CSS Box model • CSS3 backgrounds & shadow effects • Display / Positioning with CSS • HTML 5 Structural Elements • Navigation / Menus	Test 6	
10	Nov 12th	• Introduction to Forms (<form> element) • Form Elements • New HTML 5 <input> element types • Labels & Grouping Fields • Styling HTML Forms Using CSS	Assignment 5 Released Test 7	Assignment 4 Due

11	Nov 19th	• Introduction to Client-side validation (Using HTML5 Features, Using JavaScript for text fields) • Validating Other Element Types (textarea, radio buttons, checkbox, select, DOM usage)	Test 8	
12	Nov 26th	• Introduction to AJAX • AJAX Examples • Introduction to JSON • Working with JSON Data / Updating the DOM	Assignment 6 Released Test 9	Assignment 5 Due
13	Dec 3rd	• Course / Exam Review (Optional additional topics: Canvas, localstorage, promise/ resolve/reject etc.)	Test 10	Assignment 6 Due