

Course Addendum

Course Code : WEB222

Course Title : Web Programming Principles

Semester : Fall 2020

Course Outline : <https://ict.senecacollege.ca/course/web222?q=course/web222>

Assessments:

- Assignments - (30%) Each assignment is weighted at 10% each.
- 6 Short Test/Quizzes (50%) - Each test/quiz would be worth 10% of the course and the best 5 out of 6 will be chosen to contribute to the learner's overall grade.
- Final Assessment - (20%)

To obtain a credit in this subject, a student must:

- Achieve a grade of 50% or better on the final assessment
- Satisfactorily complete all assignments
- Achieve a weighted average of 50% or better for the tests and final assessment
- Achieve a grade of 50% or better on the overall course

Academic Policies:

<http://www.senecacollege.ca/about/policies/academics-and-student-services.html>

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TENTATIVE WEEKLY SCHEDULE

Semester – Fall 2020

Week	Topic or Skill	Reading	Assessment	Weight
Week 1 September 14-18	Course Introduction Introduction to Dev tools Overview of the Web and it's Technologies Introduction to JavaScript and ES6	Week 1 materials from Black Blackboard		
Week 2 September 21-25	Conditionals , Operators and Loops JavaScript Functions, Built-in / Global Functions, Variable Scope & Closures	Week 2 materials from Black Blackboard		
Week 3 September 28 – October 2	Arrays, Object Literals and Built in Objects	Week 3 materials from Black Blackboard	Assignment 1 Released Test 1	10% 10%

Week 4 October 5 - 9	More Objects, Classes, Constructor Functions	Week 4 materials from Black Blackboard		
Week 5 October 12 - 16	What is HTML? / Document structure & overview, HTML5 Structural Elements, Important HTML elements and using them, Using JavaScript in a HTML Page	Week 5 materials from Black Blackboard	Test 2 Assignment 1 Due	10%
Week 6 October 19 - 23	Introduction to Forms (<form> element), Form Elements, New HTML 5 <input> element types, Labels & Grouping Fields, More on HTML	Week 6 materials from Black Blackboard		
STUDY WEEK				

Week 7 November 2 - 6	<p>Introduction to CSS (Syntax / Structure, Selectors, Web Colors, Units), CSS Properties / Values (Fonts, Text Effects, Lists, Tables, Links),</p>	Week 7 materials from Blackboard	<p>Test 3</p> <p>Assignment 2 Given</p>	<p>10%</p> <p>10%</p>
Week 8 November 9 - 13	<p>CSS Box model, CSS3 backgrounds & shadow effects, Display / Positioning,</p> <p>CSS Grids Responsive Design and Media Queries</p>	Week 8 materials from Blackboard		10%
Week 9 November 16 - 20	<p>Introduction to DOM and Event Driven Programming</p> <p>More on Document Object Model (DOM), DOM Tree, Node Explained, Creating & Selecting Nodes</p>	Week 9 materials from Blackboard	<p>Test 4</p> <p>Assignment 2 Due</p> <p>Assignment 3 Given</p>	<p>10%</p> <p>10%</p>

	(elements) / Modifying the DOM Tree, DOM Events Updating CSS using the DOM			
Week 10 November 23 - 27	Sending HTTP Requests using JavaScript and RESTFUL APIs	Week 10 materials from Black Blackboard	Test 5	10%
Week 11 November 30 – December 4	Introduction to Client-side validation (Using HTML5 Features, Using JavaScript for text fields), Validating Other Element Types (textarea, radio buttons, checkbox, select, DOM usage)	Review	Test 6	10%
Week 12 December 7 - 11	Final Assessment		Final Assessment	20%

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