

## SYST10049 (Po1 - 43826) / Web Development 1

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*Sheridan College, FALL 2023*

### Priya Manimaran (Professor)

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### Course Outline

You can find the official course outline here:

<https://ulysses.sheridanc.on.ca/coutline/coutlineview.jsp?appver=ps&subjectCode=SYST&courseCode=10049&version=8.0&sec=0&reload=true>

### Course Description

This is the first half of a course on building web apps (Web Development 2 is the other half). Web apps are computer programs that run over the web.

In this course, you will learn basic layout and styling for mobile and desktop web apps using HTML5 and CSS3. You will learn how to set up forms in HTML5 to collect user data and send it to a server. You will also learn how to host a web site online, how to run a web server locally, and a little bit about security on the web.

### Textbooks and Other Resources

The main text for this course is W3 Schools. This site contains tutorials, explanations, exercises and quizzes, and also includes complete language references for HTML and CSS.

In addition to this text, we will also be using handouts, exercises, sample code, and resources on the web. All such materials will be available online through SLATE.

### Course Meetings

Tuesdays      12:00 – 15:00    B129, Davis Campus

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### EVALUATION - Breakdown of Marks

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Assignments/Exercises		
Assignment #1 (HTML5/CSS basics)	10%	Individual
Assignment #2 (CSS3/Media Queries)	10%	Individual
Assignment #3 (Web Site)	10%	Individual
Assignment #4 (HTML5 Forms/JavaScript)	10%	Individual
Exams		
Exam #1 (Mid-Term)	25%	Individual
Exam #2 (Final)	25%	Individual
In Class Exercises		
In Class Exercises (5 @ 2%)	10%	Individual

## Classroom Policies

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### Course Grading:

- To pass this course you must meet **ALL** of the following requirements:
  - Have a **total grade of 50%** or higher including all assignments, exams, etc.
  - Have a **combined grade of 50% on exams**

### Attendance:

- Attendance, though not mandatory, is your responsibility.
- Class exercises, labs, quizzes and exams must be done on the days specified.
- Make-ups will not be given for in-class components except under special conditions (ex. doctor's note).
- It is your responsibility to catch up on material missed.

### Late Arrival:

- If you arrive late to class, quietly take a seat.
- It is your responsibility to catch up with the material already covered.

### Assignments:

- Assignment due dates are posted in SLATE.
- Late submissions are penalized 10% per day for 3 days.
- After 3 days, the assignment **WILL NOT BE ACCEPTED**.
- **NOTE: NO makeup assignments or bonus assignments will be given at the end of term so be sure to complete the work when assigned.**

### Exams/Quizzes:

- Exams/Quizzes must be taken on the day specified. If you are unable to attend because of sickness, you **MUST**:
  - Contact the instructor as soon as possible after you miss the exam/quiz to set up a makeup date/time if applicable
  - You must provide a valid doctor's note or other accepted documentation stating the reason you were unable to attend the exam/quiz
  - Without a valid excuse, you will not receive a makeup exam/quiz

### E-Mails:

- E-Mails for this class will be sent through the SLATE e-mail system for this class.
- It is your responsibility to read these e-mails when posted. You will be notified by e-mail of updates to class material, cancellations, changes to assignments/quizzes/exams and other pertinent information
- **NOTE: Not reading e-mails is not an excuse for missed information**

### Mobile Equipment

- All mobile devices should be turned off during class lectures.

### Classroom Behaviour:

- Visiting and talking during a lecture is not allowed. This is discourteous to other students trying to listen.
- If you continue to disrupt a class, you will be asked to leave.

### Plagiarism and Academic Integrity:

- Plagiarism/Cheating will result in a failed grade of 0 for the assignment/exam for both the person copying and the person copied from.
- Please refer to Sheridan's Academic Integrity Policy document for more information:  
<https://policy.sheridanc.on.ca/dotNet/documents/?docid=673&mode=view>

## Tentative Week by Week Plan\*

Week	Date	Important Events
1	Tuesday, Sep 5	<b><i>Introduction to Web Development</i></b> <ul style="list-style-type: none"> <li>• Introduction to course &amp; HTML5</li> </ul>
2	Tuesday, Sep 12	<b><i>HTML5 Basics and CSS</i></b> <ul style="list-style-type: none"> <li>• HTML5 basics</li> <li>• CSS basics</li> </ul> <b><i>EXERCISE#1 (2%)</i></b>
3	Tuesday, Sep 19	<b><i>HTML5 Basics and CSS</i></b> <ul style="list-style-type: none"> <li>• HTML5 basics</li> <li>• CSS basics</li> </ul> <b>ASSIGNMENT #1 (10%)</b>
4	Tuesday, Sep 26	<b><i>Advanced CSS</i></b> <ul style="list-style-type: none"> <li>• CSS3 Enhancements</li> <li>• Media Queries/Responsive Design</li> </ul>
5	Tuesday, Oct 3	<b><i>Advanced CSS</i></b> <ul style="list-style-type: none"> <li>• CSS3 Enhancements</li> <li>• Media Queries/Responsive Design</li> </ul> <b><i>EXERCISE #2 (2%)</i></b>
6	Tuesday, Oct 10	<b><i>Advanced CSS</i></b> <ul style="list-style-type: none"> <li>• CSS3 Enhancements</li> <li>• Media Queries/Responsive Design</li> </ul> <b><i>ASSIGNMENT #2 (10%)- Assigned through SLATE</i></b>
7	Tuesday, Oct 17	<b>Mid-Term Exam (25%)</b>
8	Tuesday, Oct 24	<b>BREAK – READING WEEK</b>
9	Tuesday, Oct 31	<b><i>Web Site Structure</i></b> <ul style="list-style-type: none"> <li>• Web Site structure standards</li> </ul> <b><i>Publishing</i></b> <ul style="list-style-type: none"> <li>• FTP Clients</li> <li>• HTTP/HTTPS</li> <li>• Security</li> </ul> <b><i>EXERCISE #3 (2%)</i></b>

10	Tuesday, Nov 7	<p><b>Web Site Structure</b></p> <ul style="list-style-type: none"> <li>• Web Site structure standards</li> </ul> <p><b>Publishing</b></p> <ul style="list-style-type: none"> <li>• FTP Clients</li> <li>• HTTP/HTTPS</li> <li>• Security</li> </ul> <p><b>ASSIGNMENT #3 (10%)</b></p>
11	Tuesday, Nov 14	<p><b>Form Design &amp; Processing</b></p> <ul style="list-style-type: none"> <li>• What's new in HTML5</li> <li>• Form layouts and form controls</li> </ul> <p><b>EXERCISE #4 (2%)</b></p>
12	Tuesday, Nov 21	<p><b>Intro to Javascript</b></p> <p><b>ASSIGNMENT #4 (10%)</b></p>
13	Tuesday, Nov 28	<p><b>Intro to Javascript</b></p> <p><b>EXERCISE #5 (2%)</b></p>
14	Tuesday, Dec 5	<p><b>REVIEW</b></p>
15	Tuesday, Dec 12	<p><b>Final Exam (25%)</b></p>

\* Please note that all dates are subject to change in consultation with the students based on the class progress / events outside of our control. Assignments are due on 2 weeks from the date of assigning.