Course Outline

WMDD 4835: HTML / CSS 2

Course Format:	Mixed Mode
Time	Tuesdays 12:30-3:20
Location	B014
Credits: 3	**Transfer Credit:** For information, visit bctransferguide.ca
Instructor:	Kevin McMIllan

Office Hours: Thursday 2:00-5:00
Office: A248
Phone: 604 323 5941, ext 1
Email: kmcmillan@langara.ca

Course Description

Students will further develop the skills learned in HTML/CSS I. They will incorporate into their authoring practice current production methods such as CSS preprocessors, JavaScript frameworks, and rapid-prototyping software. Most importantly, they will develop the ability to use emerging methods in web design and development.

Learning Outcomes:
Upon successful completion of this course, students will be able to

- Evaluate and use efficient HTML & CSS coding methods
- Use, appropriately, CSS transitions, transforms, & animations
- Use JavaScript libraries such as jQuery
- Use frameworks like Bootstrap
- Rapidly prototype designs and code
- Repond professionally to critiques of their code and designs
- Use emerging methods of layout and interaction, while ensuring successful fallback for older devices and browsers.

Textbook and Course Materials:
There is no textbook for this class.

Information will be provided via URLs to LinkedIn Learning and other video sources, as well as to other online sources. These can be found on my teaching site: http://wrmf.ca.

Assessments
Lab Exercises: 20%
Midterm: 20%
Quizzes: 10%
Main Assignment: 30%
Final Exam: 20%

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Course Schedule:

Week 1   **Advanced Selectors / Flexbox Review**
Jan 07

Week 2   **CSS Positioning / CSS Grid 1**
Jan 14

Week 3   **CSS Grid 2**
Jan 21

Week 4   **Transforms, Transitions & Animation**
Jan 28   Menu Design Patterns

Week 5   **Transforms, Transitions & Animation 2 / Form Styling**
Feb 04   CSS Blend Modes / Complex form Styling / CSS Variables

Week 6   **Build Tools / SASS**
Feb 11   Variables / Partials / Mixins

Week 7   **Spring Break**
Feb 18   No classes all week. College closed Monday

Week 8   **Midterm**
Feb 25   You will need to produce a layout from screenshots within three hours

Week 9   **Responsible Responsive Design**
Mar 03   Emerging image practices /
                  Lazy Loading

Week 10   **Canvas**
March 10   Drawing with JavaScript

Week 11   **Emmet Workout / Accessibility**
March 17

Week 12   **Exam Prep / Work Day**
March 24

Week 13   **Exam Prep / Work Day**
Mar 31

As a student at Langara, you are responsible for familiarizing yourself and complying with the following policies:

College Policies:

E1003 - Student Code of Conduct

F1004 - Code of Academic Conduct

E2008 - Academic Standing - Academic Probation and Academic Suspension

E2006 - Appeal of Final Grade

F1002 - Concerns about Instruction

E2011 - Withdrawal from Courses

Departmental/Course Policies:

Attendance: To do well in this course, you need to attend all classes. If you miss a class, you are responsible for catching up with the material.

Course Progress: If you find that you are getting behind with the material, get in touch with me as soon as possible.

Course Site: I will use my teaching site (http://wrmf.ca) as a repository for handouts and supplemental materials, as well as updates to this outline.

Deadlines: Assignments will be accepted at most 24 hours late, with 20% penalty.

Quizzes: Unless a medical note is presented, a missed quiz will receive a mark of 0. There is no opportunity for rewrites. If a medical note is presented, the mark will be prorated.

Questions: Please bring up general questions about the course material or assignments in class. If you wish to discuss your own work, please see me during my scheduled office hours.

Class Cancellation: If I am ill, I will email the class and have the cancellation posted on MyLangara.

Cheating and Plagiarism: Cheating on exams or submitting work that you did not **wholly** create is grounds for college disciplinary action.

This will range from, at minimum, a failing grade on the assignment up to expulsion from the college.

Grading:

These percentages are the metric I will use for assigning letter grades.

A+	90% – 100%	B+	76 – 79%	C+	64 – 67%	D	50 – 54%
A	85 – 90%	B	72 – 75%	C	60 – 63%	F	< 50%
A-	80 – 84%	B-	68 – 71%	C-	55– 59%		