

Course Outline

WMDD 4815: HTML / CSS 1

Course Format:	Mixed Mode
Time	Monday 1:30-4:20
Location	B018 PC Lab
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
Email:	kmcmillan@langara.ca

Course Description

Students will learn the fundamentals of HTML & CSS, learning to code designs that incorporate high-resolution graphics, video, grid systems, and modern typographic approaches—creating bandwidth-friendly web sites that adapt to any device they are viewed on.

Learning Outcomes:

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

- Understand HTML document structure & semantics. Produce economical and validated code.
- Build complex layouts with fluid css grids.
- Integrate media into designs. Use code-based methods when possible to conserve bandwidth, maintain resolution, and future-proof the design.
- Choose appropriate graphics formats.
- Use media queries to make designs adapt to device properties and capabilities.
- Use progressive enhancement, designing for modern devices, while ensuring successful fallback to less capable 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 will be found on my teaching site: <http://wrmf.ca>.

Assessments

Assignment 1: Resume	15%
Assignment 2: Magazine Mockup	20%
Lab Exercises	15%
Quizzes	15%
Midterm	15%
Final Exam	20%

Course Schedule:

Week 1 Jan 06	HTML Semantics / Visual Studio Code intro / FTP h1-h6, p, ul, li, a, img, HTML Validator
Week 2 Jan 13	HTML Sectioning Elements / CSS Typography, Color, Box Model Font Properties, Color Models, Units of Measure, Box Model, CSS Validator
Week 3 Jan 20	CSS Traditional Layout Basics / Graphic Design Principles / Float & Clear Display Properties, Image Floats
Week 4 Jan 27	Responsive Web Design (RWD) 1 Media Queries / Mobile First / CSS Grid 1
Week 5 Feb 03	Responsive Web Design (RWD) 2 / CSS Positioning CSS Grid 2 / Absolute & Relative Positioning
Week 6 Feb 10	Responsive Web Design (RWD) 3 Grid & Positioning Practice
Week 7 Feb 17	Spring Break No classes this week. College closed Monday.
Week 8 Feb 24	Midterm <i>You will have approximately three hours to code a layout that I give you screenshots of.</i>
Week 9 Mar 02	Web Graphics / CSS Backgrounds Format properties / SVG / Backgrounds Properties / Multiple BGs / Gradients / Icon Fonts
Week 10 Mar 09	Production Efficiency / Advanced Selectors Emmet workout.
Week 11 Mar 16	Forms / Tables Form handlers / Responsive Tables
Week 12 Mar 23	Media Video: responsive video, sound, & JS media events.
Week 13 Mar 30	Work Day Final Project (Magazine Mockup) due March 30

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 metrics 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%		