



Toronto 3-hour drive



Niagara-on-the-Lake 3-hour drive



Mississauga 2.5-hour drive



Windsor 3-hour drive



Niagara Falls 3-hour drive



Kawartha Lakes 4.5-hour drive



Hamilton 2-hour drive



London 15-minute drive



Live anywhere









Outdoor getaways Unique stays Entire homes Pets allowed

TABLE OF CONTENTS

Course Description	3
Course Learning Outcomes	3
Grade Breakdown	3
Course Breakdown	4
Module 1 - HTML5	4
Module 2 - CSS	5
Additional Learning Materials	6
Homework Briefs	
HW #1 - Folder Structure	7
HW #2 - SITEMAP & WIREFRAME	8
HW #3 - SEMANTIC TAGGING	9
HW #4 - DEBUGGING & VALIDATION	10
HW #5 - CSS STYLING	11
MIDTERM	12
Final Integrated Project(FIP)	14



MMED-1052

COURSE DESCRIPTION

This course will introduce students to the range of tools and applications current in the interactive field, as well as the techniques for developing a Web site with graphics, text and basic hypertext functionality. This course will introduce tools and techniques with an emphasis on effective site and interface design as well as optimized media and code development.

COURSE LEARNING OUTCOMES

Upon successful completion of this course, you will be able to reliably demonstrate the following Course Learning Outcomes which will be taught and evaluated:

- 1.) Explore a range of applications encompassed by the term "interactive";
- 2.) Create, apply and execute the planning of a multi-component interactive project/website;
- 3.) Practice and apply the identification of concepts and issues underlying the creation of effective interactive media (such as functional interface design, information design and delivery, etc.);
- 4.) Explore and identify issues of team planning, timelines for delivery, etc.;
- 5.) Explore and practice tools (computer-based and otherwise) used to generate various media assets;
- 6.) Optimize digital images and select proper formats for use on the web.
- 7.) Review, apply and execute best practices with HTML and CSS;
- 8.) Construct basic HTML pages styled with CSS.
- 9.) Construct basic HTML pages with CSS layout.
- 10.) Construct a basic web site using an Online Publishing Platform

GRADE BREAKDOWN

Homework - 50% (5 assignments each worth 10%)

Mid Term - 20%

Final Integrated Project(FIP) - 30%

COURSE BREAKDOWN

MODULE 1 - HTML5

WEEK 1

Orientation

WEEK 2 * * *

- Course Intro, required software <u>Visual Studio Code</u>
- Web design process & Intro to basic tagging
 - Creative Brief, Wireframes, Site-maps
 - Folder Setup, File Creation(html, css, js), Basic Tags
 - Validation & Debugging
- Homework #1 Assigned(Due week 3)
- Midterm & FIP Assigned(Due week 7)

WEEK 3 * *

- Homework #1 Submission
- Homework #2 Assigned(Due week 5)
- Main HTML5 Semantic Tags; header, nav, main, section, aside, footer
- The Document Outline

WEEK 4

- Semantic tagging continued
- HTML5 Attributes

WEEK 5 * *

- Form Basics (tags, attributes, input types)
- New HTML 5 form features
- Homework #2 Submission
- Homework #3 Assigned (Due week 6)
- In-Class Build

WEEK 6 *

- Practical application of previously learned content.
- In-Class Build Continued

MODULE 2 - CSS

WEEK 7**

- Midterm Submission
- Homework #4 Assigned(Due week 9)
- Intro to CSS
 - Styling content with id's and class selectors, overriding base html styles
 - CSS best practices

WEEK 8

- The box model
- · CSS formatting model

WEEK 9 *

- Homework #4 Submission
- CSS Grid

WEEK 10 *

- Homework #5 Assigned(Due week 12)
- In-class build with CSS Grid

WEEK 11

· In-class build with CSS Grid - Continued

WEEK 12 *

- Homework #5 Submission
- In-class build with CSS Grid Continued

WEEK 13

OPEN Working Lab

WEEK 14 *

• Final Integrated Project - Submission

ADDITIONAL LEARNING MATERIALS



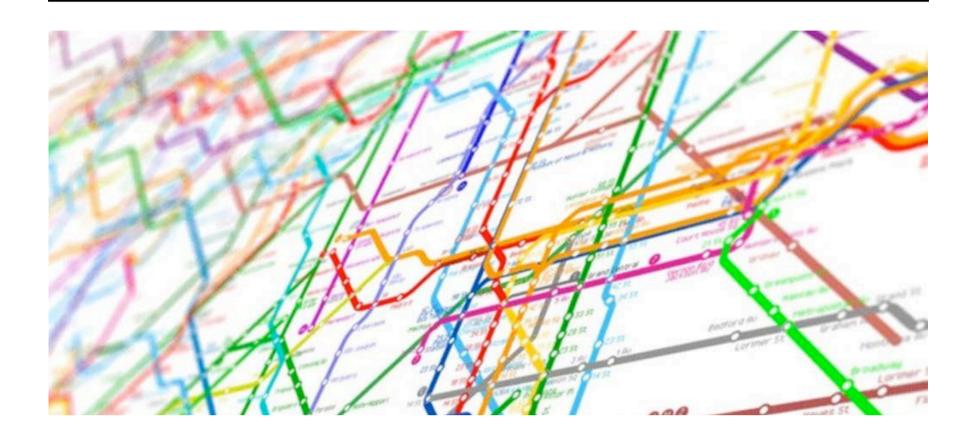
HTML Essential Training
Crafting Meaningful HTML
CSS Essential Training

Additional Reference

HTML Tags
Semantic Tags

LinkedIn Learning is available for free through https://fcsw2.fanshawec.ca/portal/index.htm. Look for LinkedIn Learning under My Bookmarks and Campus Links on the right side of the page. You will be prompted to login, using your FOL login credentials to access LinkedIn Learning. You will need to login first before you can click or copy and paste the above links.

HOMEWORK BRIEFS



HW #1 - FOLDER STRUCTURE

In a single root folder following the naming convention mentioned in the submission requirements. Each student is required to recreate the folder structure that we created in class. *Please do this from scratch. Place a text file(.txt) in each folder outlining what files go in it (We will discuss, in class, what each folder should contain and what purpose it serves)

SUBMISSION REQUIREMENTS & DUE DATE

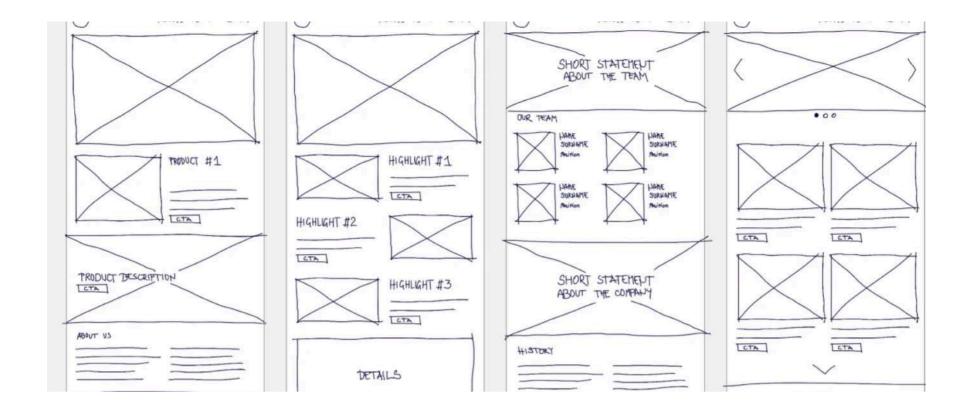
Submit your zip folder with proper naming convention (Lastname_Firstname_Assignmentname.zip) to the FOL's Submissions Dropbox.

eg. Brunner_Justin_hw1.zip * Rar files will not be accepted.

Due Week 3 in HW1 FOL Dropbox - (10% of final grade)

GRADING RUBRIC /10

Following Direction /2
Folder Setup & Naming /4
Text Files /2
HTML File /2



HW #2 - SITEMAP & WIREFRAME

Each student is responsible for creating a wireframe and site-map for a website of their own creation. The website is to be based on the students own original layout. Use of applications are optional for this assignment, use what was taught in class or use pen and paper. Include only a wireframe of the index(homepage) and a sitemap that includes 3 pages in total.

SUBMISSION REQUIREMENTS & DUE DATE

Submit your zip folder with proper naming conventions (Lastname_Firstname_Assignmentname.zip) to the FOL's Submissions Dropbox.

eg. Brunner_Justin_hw2.zip * Rar files will not be accepted. Each image needs to be named as followed; lastname_firstname_sitemap.jpg & lastname_firstname_wireframe.jpg.

Due Week 5 in HW2 FOL Dropbox - (10% of final grade)

GRADING RUBRIC /10

Following Direction /2 Sitemap /4 Wireframe /4



HW #3 - SEMANTIC TAGGING

Students will be provided with a site design file. With this, each student will use what they have learned, regarding semantic tagging and the document outline. They will apply this knowledge and best practices to build out a proper semantic page based off of the design file.

SUBMISSION REQUIREMENTS & DUE DATE

Submit your zip folder with proper naming conventions (Lastname_Firstname_Assignmentname.zip) to the FOL's Submissions Dropbox.

eg. Brunner_Justin_hw3.zip * Rar files will not be accepted.

Due Week 6 in HW3 FOL Dropbox - (10% of final grade)

GRADING RUBRIC /10

Following Direction /2
Semantic Tagging /4
Proper Document Outline /4

```
1. Info The Content-Type was text/html. Using the HTML parser.

2. Info Using the schema for HTML with SVG 1.1, MathML 3.0, RDFa 1.1, and ITS 2.0 support.

3. Error End tag [11] implied, but there were open elements.

From line 21, column 7; to line 21, column 10

Ind (11) Badly

4. Error Unclosed element strong.

From line 19, column 47; to line 19, column 54

[lement is <strong>not cl]
```

HW #4 - DEBUGGING & VALIDATION

Students will be provided with a set of html pages. Each of these pages will have errors both in validation and within the document outline. Each student is responsible for documenting and correcting these errors. Please use a "commented note" in html to highlight the error. Include in this comment the error message reported back from the validator. In the case of a document outline issue that does not report an error, list what it was doing to the document outline and how was it corrected.

SUBMISSION REQUIREMENTS & DUE DATE

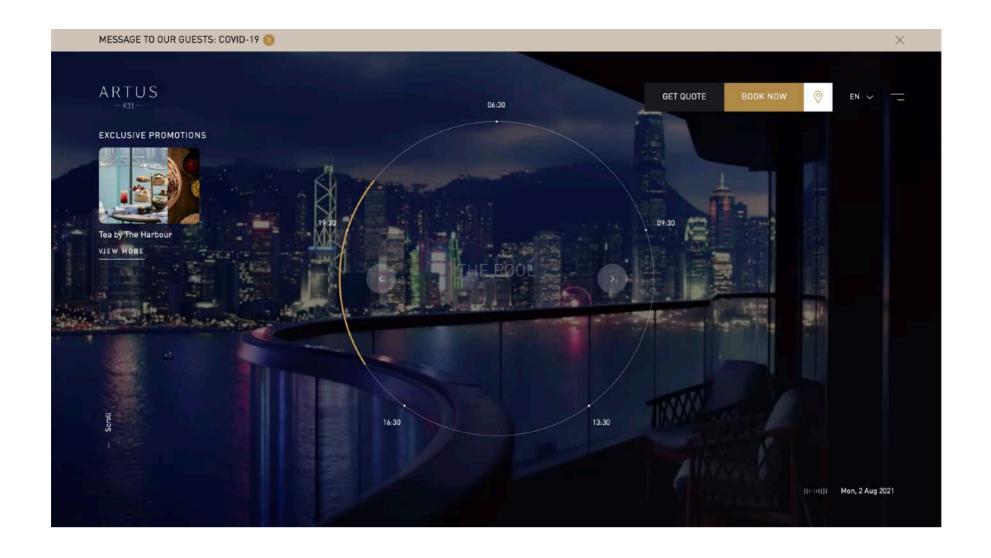
Submit your zip folder with proper naming conventions (Lastname_Firstname_Assignmentname.zip) to the FOL's Submissions Dropbox.

eg. Brunner_Justin_hw4.zip * Rar files will not be accepted.

Due Week 9 in HW4 FOL Dropbox - (10% of final grade)

GRADING RUBRIC /10

Following Direction /2
Validation Errors /4
Document Outline Issues /4



HW #5 - CSS STYLING

Students will be provided with a base html & CSS file, images and text in a CSS Grid scaffold. Each student is responsible for styling the pages content. The grid must stay as is, the color, text, image styling is all up to you. Have fun, and push yourself:)

SUBMISSION REQUIREMENTS & DUE DATE

Submit your zip folder with proper naming conventions (Lastname_Firstname_Assignmentname.zip) to the FOL's Submissions Dropbox.

eg. Brunner_Justin_hw5.zip * Rar files will not be accepted.

Due Week 12 in HW5 FOL Dropbox - (10% of final grade)

GRADING RUBRIC /10

Following Direction /1
Semantic Tagging /2.5
Proper Document Outline /2.5
HTML & CSS Validation /1.5
Overall look and feel of the site /2.5





Home
 About
 Reviews
 Ecatures
 Contact



Bad = Broken

It's finally over. AMC's cult-to-breakout mega hit has finally reached its inevitable and explosive conclusion. But Screen Print in Yready to say goodbye just yet. Join us in milking the final bit of symbolism out of the last three episodes, speculating about what Better Call Saaf may have in store, and figuring out what the hell we're going to force on all our friends and extended family now better Call Saaf may have in store, and figuring out what the hell we're going to force on all our friends and extended family now better Call Saaf may have in store, and figuring out what the hell we're going to force on all our friends and extended family now better Call Saaf may have in store, and figuring out what the hell we're going to force on all our friends and extended family now.

The Latest



Whatever happened to the Super Gir

While we await the super sausage-fest that Zack Snyder's Batman vs. Superman promises to deliver, Screen Print wonders when the strong female characters that grace the pages of DC comics vget their shot at the big screen? Will we ever get a Trinity film that adds Wonder Woman to the mix? What of Joss Whedon's ill fated Wonder Woman flick? Will Kara Zor-El ever enter the new



Film Review: Gravity, or how I learned to never leave ea

The verdict seems to be in, and Alfonso Cuaron's Gravity is not only a mega box-office success, but also apparently decent as fuck. Find out what makes Gravity one of the most entertaining movi you'll see this year, and what man on the Goddamn moon Buzz Lightwear had to say after be saw it. READ MORE



MIDTERM

Each student is responsible for creating wireframes, site-mapping and writing the necessary markup for a website of their own creation.

The three (3) page website is to be based on the students own original layout.

Students are required to create the proper markup for the site and must make use of all the semantic tags covered in class. The site must also include a contact form.

Wireframe

- -Student must create a wireframe for every page of the site
- -The wireframe can be created in any application, but must be exported as a PDF

Sitemap

- -The sitemap must contain every page in the site
- -The sitemap can be created in any application, but must be exported as a PDF

SUBMISSION REQUIREMENTS & DUE DATE

Submit your zip folder with proper naming conventions (Lastname_Firstname_Assignmentname.zip) to the FOL's Submissions Dropbox.

eg. Brunner_Justin_midterm.zip * Rar files will not be accepted.

Due Week 7 in Midterm FOL Dropbox - (20% of final grade)

GRADING RUBRIC /20

Following Direction /1
Sitemap & Wireframe /5
Semantic Tagging /4
Proper Document Outline /3
HTML Validation /5
CSS and Images /2



FINAL INTEGRATED PROJECT(FIP)

Each student is required to create a four (4) page website based on the HTML/CSS templates provided in class. The subject of the website is entirely up to the student.

The design must be an HTML5 fixed-width site utilizing CSS-Grid as the primary method of layout.

Students must adhere to the layout set by the template XD file.

ASSIGNMENT REQUIREMENTS:

Web Pages

- 4 pages (Form must be used as one of the pages or as part of all of the pages)
- Valid HTML5
- Semantic HTML 5 tagging
- Proper Document Outline
- Link to CSS files
- Valid CSS
- CSS Grid based layout
- Properly compressed and scaled images images

Additional Components

-All photographs or images must be taken by you, created by you, or pulled from a stock photo website.

Additional information will be given in class, you are encouraged and expected to ask questions, if you are absent it is your responsibility to watch the class recording.

Website Topics:

- Gardening (indoor and/or outdoor)
- Clothing/Shoe/Hats collections
- Musical instruments
- Sports equipment
- Book or magazine collections
- Cooking
- Interior decorating
- Pets
- ** All other topics MUST be discussed with the instructor(s) before proceeding.

SUBMISSION REQUIREMENTS & DUE DATE

Projects must be submitted Week 14 (More info will be provided). Submission requirements are as follows:

- Link to Github repo: master branch with dev branches as required (don't delete branches).
- ONLY THE MASTER BRANCH WILL BE GRADED!!!
- secondary branches should be named appropriately IE dev.tvr.bio, dev.jb.bio
- Submit the repo link and partner names via FOL dropbox DO NOT submit files. They will be ignored.

Project Repo Contents:

- index.html, ?.html and contact.html(can be substituted if a form is present on every page)
- images folder
- css folder
- is folder
- assets folder (everything you used in the creation of this project psd, ai, etc,)
- includes folder
- admin folder

<u>PLEASE NOTE:</u> That your project will not be graded unless you adhere to what has been outlined for you in this document. Individual practices that were given to you during the semester are applicable here as well. i.e., A photoshop file with improperly labeled layers, code not in between body tags, lack of naming conventions, etc.

Naming convention for submission:

LastName_FirstName_Integrated

e.g.) Doe_John_Integrated

GRADING RUBRIC /30

Following Direction /2
Semantic Tagging /3
Proper Document Outline /3
HTML Validation /6
CSS Validation /6
Overall Design /10

^{*.} Your grade will be determined by you professors, individually based on requirements for each of the 5 classes. You must have one complete website with everything required for this project, in order to be graded.