

COURSE SECTION INFORMATION (CSI)

MTM6201 – Responsive Web Design II
Interactive Media Design

Professor: Michael Eisenbraun

Course Sections: 10, 20, 30

Email: eisenbm@algonquincollege.com

Academic Year: 2019/2020

Phone/Office:

Term: Winter 2020

Out of Class Assistance:

Academic Level: 4

Learning Resources

All material includes embedded links to websites, video and audio clips, documentaries, and/or articles. These required resources can be accessed directly from weekly content posted in the IMD Responsive Web Design II course content repository.

- IMD – RWD II repository: <https://imdac.github.io/mtm6201/>
- Pluralsight.com: <https://www.pluralsight.com>
- Lynda.com: <https://www.lynda.com>

Evaluation Breakdown

Assessment	Value	CLRs
Assignment 1: Small Responsive Site	10%	1, 3, 5
Assignment 2: SASS Reverse Engineering	10%	1, 2, 4, 5
Participation: Exercise 1 – Specificity	2.5%	5
Participation: Exercise 2 - CSS Grid and flexbox	5 %	3, 5
Participation: Exercise 3 – CSS pre-processor installation and configuration	2.5%	2
Participation: Exercise 4 – Site Evaluation	5%	3, 5
Participation: Quiz 1	2.5%	3, 5
Participation: Quiz 2	2.5%	3, 5
Practical Skills Assessment (Mid-term): Design Foundations Prototype	30%	2, 3, 4, 5
Final Project: Responsive Framework Site	30%	1, 2, 3, 4, 5
Total	100%	

Learning Schedule (subject to change with notification)

Date	Weekly Theme and Learning Outcomes	Learning Activities	Assessments (%)	Resources	CLRs
Week 1 <i>January 6</i>	Introduction and welcome <ul style="list-style-type: none"> Review course overview, policies and expectations Explain the style guide Review responsive design principles 	<ul style="list-style-type: none"> Lecture and in class review of material 	N/A	https://imdac.github.io/mtm6201/content/week-1/	3, 5
Week 2 <i>January 13</i>	CSS cascade, specificity and inheritance <ul style="list-style-type: none"> Explain the process browsers use to apply styling to web pages Apply the rules of CSS specificity and inheritance to style page and resolve style conflicts 	<ul style="list-style-type: none"> Lecture and review of material In-class demonstrations Hands-on activities as students follow instructor demonstrations 	<ul style="list-style-type: none"> Exercise 1 (2.5%) Deadline to withdraw with refund (Jan 17) 	https://imdac.github.io/mtm6201/content/week-2/	1, 2, 5
Week 3 <i>January 20</i>	Responsive Layouts <ul style="list-style-type: none"> Develop responsive page layouts through the application of CSS Grid best practices Begin using basic terminal commands to navigate computer file system 	<ul style="list-style-type: none"> Lecture and review of material In-class demonstrations Hands-on activities as students follow instructor demonstrations 	<ul style="list-style-type: none"> Quiz 1 (5%) 	https://imdac.github.io/mtm6201/content/week-3/	
Week 4 <i>January 27</i>	Responsive Content <ul style="list-style-type: none"> Create responsive page content through the use of CSS flexbox Continue to explore terminal/command line usage 	<ul style="list-style-type: none"> Lecture and review of material In-class demonstrations Hands-on activities as students follow instructor demonstrations 	<ul style="list-style-type: none"> Exercise 2 (2.5%) 	https://imdac.github.io/mtm6201/content/week-4/	

Week 5 <i>February 3</i>	Responsive Images <ul style="list-style-type: none"> • Leverage various techniques to serve images in support of art direction and resolution switching • Apply CSS filters to images • Implement version control using the command line 	<ul style="list-style-type: none"> • Lecture and review of material • In-class demonstrations • Hands-on activities as students follow instructor demonstrations 	N/A	https://imdac.github.io/mtm6201/content/week-5/	
Week 6 <i>February 10</i>	Using CSS to enhance user experience <ul style="list-style-type: none"> • Apply CSS transitions and transforms to web pages • Configure GitHub to serve static web pages • Use the command line to manage branches in version control system 	<ul style="list-style-type: none"> • Lecture and review of material • In-class demonstrations • Hands-on activities as students follow instructor demonstrations 	<ul style="list-style-type: none"> • Quiz 2 (5%) • Practical skills assessment assigned 	https://imdac.github.io/mtm6201/content/week-6/	
Week 7 <i>February 17</i>	Planning, modularity and organization <ul style="list-style-type: none"> • Integrate CSS variables in stylesheets • Use @import in support of modularity and separation of concerns • Explore and apply non-render blocking stylesheets • Clone repositories using command line/terminal utility 	<ul style="list-style-type: none"> • Lecture and review of material • In-class demonstrations • Hands-on activities as students follow instructor demonstrations 	<ul style="list-style-type: none"> • Assignment 1 (10%) • Family Day (College closed – Feb 17) 	https://imdac.github.io/mtm6201/content/week-7/	
Week 8 <i>February 24</i>	BREAK				

Week 9 <i>March 2</i>	CSS pre-processors <ul style="list-style-type: none"> • Introduce CSS pre-processors • Installation and basic use (variables, nesting and partials) • Operate pre-processor capabilities through command line interface 	<ul style="list-style-type: none"> • Lecture and review of material • In-class demonstrations • Hands-on activities as students follow instructor demonstrations 	<ul style="list-style-type: none"> • Practical Skills Assessment (30%) 	https://imdac.github.io/mtm6201/content/week-9/	
Week 10 <i>March 9</i>	CSS pre-processors <ul style="list-style-type: none"> • Continue exploring pre-processor capabilities including mixins, functions and inheritance/extending • Continue using terminal commands for common tasks 	<ul style="list-style-type: none"> • Lecture and review of material • In-class demonstrations • Hands-on activities as students follow instructor demonstrations 	<ul style="list-style-type: none"> • Exercise 3 (2.5%) 	https://imdac.github.io/mtm6201/content/week-10/	
Week 11 <i>March 16</i>	CSS Frameworks <ul style="list-style-type: none"> • Explore the advantages of using a CSS framework • Conduct market scan of framework options • Install framework and practice implementation of basic components • Continue using terminal commands for common tasks 	<ul style="list-style-type: none"> • Lecture and review of material • In-class demonstrations • Hands-on activities as students follow instructor demonstrations 	<ul style="list-style-type: none"> • Assignment 2 (10%) • Withdrawal deadline without academic penalty (Mar 20) 	https://imdac.github.io/mtm6201/content/week-11/	

Week 12 <i>March 23</i>	CSS Frameworks <ul style="list-style-type: none"> • Develop layouts and design content using framework components • Apply best practices to override styling constraints leveraging built-in CSS pre-processor features • Continue using terminal commands for common tasks 	<ul style="list-style-type: none"> • Lecture and review of material • In-class demonstrations • Hands-on activities as students follow instructor demonstrations 	<ul style="list-style-type: none"> • Final Project Assigned 	https://imdac.github.io/mtm6201/content/week-12/	
Week 13 <i>March 30</i>	CSS Frameworks <ul style="list-style-type: none"> • Create robust, responsive forms to collect user input • Review additional framework capabilities • Continue using terminal commands for common tasks 	<ul style="list-style-type: none"> • Lecture and review of material • In-class demonstrations • Hands-on activities as students follow instructor demonstrations 	N/A	https://imdac.github.io/mtm6201/content/week-13/	
Week 14 <i>April 6</i>	Site review and assessment techniques <ul style="list-style-type: none"> • Research performance considerations when designing/developing websites • Evaluate site performance, accessibility and validation • Explore tools and resources for performing evaluations 	<ul style="list-style-type: none"> • Lecture and review of material • In-class demonstrations • Hands-on activities as students follow instructor demonstrations 	<ul style="list-style-type: none"> • Exercise 4 (2.5%) • RE/ACTION – Applied Research Showcase (Apr 8) • Good Friday (College closed - Apr 10) 	https://imdac.github.io/mtm6201/content/week-14/	
Week 15 <i>April 13</i>	Final Assessment Week No new material	N/A	Final Project (30%)	https://imdac.github.io/mtm6201/content/week-15/	

Other Important Information

Late Policy:

Any work submitted after the due specified, without prior approval, will receive a **ZERO** for that assignment.

Plagiarism Policy:

Plagiarism is defined as defined as presenting someone else's work, in whole or in part, as one's own, and includes the verbal or written submission of another work (for example, ideas, wording, code, graphics, music, and inventions) without crediting that source. This includes all electronic sources (for example, the Internet, television, video, film, and recordings), all print and written sources (for example, books, periodicals, lyrics, government publications, promotional materials, and academic assignments), and all verbal sources (for example, conversations and interviews).

Plagiarism, whether done deliberately or accidentally, is not allowed. The facilitation of plagiarism, that is, one student sharing his or her work with other students, is also not allowed. All parties caught plagiarizing will receive a ZERO.