ALGONQUIN COLLEGE

COURSE SECTION INFORMATION (CSI)

MTM6405 Server-Side Web Development
Interactive Media Design

Professor's Name: Michael Eisenbraun	**Course Section: Section 310**
Email: eisenbm@algonquincollege.com	**Academic Year: 2020**
Phone/Office:	**Term: Winter**
Out of Class Assistance:	**Academic Level: 4**

Learning Resources

- Course Web site: https://imdac.github.io/mtm6405/

Evaluation Breakdown

Assessment	Value	CLRs
Participation 1: Yahtzee	2%	1
Participation 2: Hybrid #1	2%	1, 2, 3
Participation 3: Vue Component Lab	2%	1, 2, 3
Participation 4: Hybrid #2	2%	1, 2, 3
Participation 5: Vue Router Lab	2%	1, 2, 3
Participation 6: Hybrid #3	2%	1, 2, 3
Participation 7: Movies API	2%	1, 2, 3
Participation 8: Hybrid #4	2%	1, 2, 3
Participation 9: Midterm Reflection	2%	4
Participation 10: Vuex Lab	2%	1, 2, 3
Participation 11: Peer Review	0%	4
Participation 12: Final Reflection	0%	4
Exercise 1: Hearts	6%	1
Exercise 2: Hearts Vue	6%	1, 2
Exercise 3: Grocery List	6%	1, 2, 3
Exercise 4: Seussology	6%	1, 2, 3
Exercise 5: Contact Book	6%	1, 2, 3
Midterm Project: Movie Catalog	25%	1, 2, 3, 4
Final Project: Task Manager	25%	1, 2, 3, 4

Learning Schedule (subject to change with notification)

Date	Weekly Theme and Learning Outcomes	Learning Activities	Assessments (%)	Resources	CLRs
Week 1	**Course Introduction** • Students will receive an introduction of the course • Students will receive a review of JavaScript Basic			https://imdac.github.io/mtm6404/content/#week-1	1
Week 2	**Vue Basics** • Students will receive an introduction to Vue Framework.	Participation 1 Exercise 1	2% 6%	https://imdac.github.io/mtm6404/content/#week-2	1, 2, 3
Week 3	**Vue Directives** • Students will a deep dive into how to use Vue Directives	Participation 2 Exercise 2	2% 6%	https://imdac.github.io/mtm6404/content/#week-3	1, 2, 3
Week 4	**Vue Components** • Student will learn how to create and use Vue Components	Participation 3	2%	https://imdac.github.io/mtm6404/content/#week-4	1, 2, 3
Week 5	**Vue CLI** • Students will learn how to use Vue CLI to create Vue projects • Students will learn how install modules and create single page components	Participation 4 Exercise 3	2% 6%	https://imdac.github.io/mtm6405/content/#week-5	1, 2, 3
Week 6	**Vue Router** • Students will how to use Vue Router to add navigation to a single page site.	Participation 5	2%	https://imdac.github.io/mtm6405/content/#week-6	1, 2, 3
Week 7	**Axios** • Students will learn how to install and use Axios to retrieve data from an API.	Participation 6 Participation 7 Exercise 4	2% 2% 6%	https://imdac.github.io/mtm6405/content/#week-7	1, 2, 3
Week 8	BREAK	BREAK	BREAK	BREAK	BREAK

Week 9	**Vuex** • Students will learn how to use Vuex to improve the performance of the application.	Participation 9 Participation 10 Midterm Project	2% 2% 25%	https://imdac.github.io/mtm6404/content/#week-9	1, 2, 3, 4
Week 10	**Firebase** • Students will learn how to use Firebase as a backend for the Vue application			https://imdac.github.io/mtm6404/content/#week-10	1, 2, 3
Week 11	**Authentication** • Students will learn how to add authentication to their Vue application.			https://imdac.github.io/mtm6404/content/#week-11	1, 2, 3
Week 12	**Vue Deployment** • Students will learn how to deploy their Vue application to remote public server.	Exercise 5	6%	https://imdac.github.io/mtm6404/content/#week-12	1, 2, 3
Week 13	**Review** • Students will receive a review of the course content in the form of hands-on projects			https://imdac.github.io/mtm6404/content/#week-13	1, 2, 3, 4
Week 14	**Work Period** • Students will be given time to work on their final project.	Participation 11	0%	https://imdac.github.io/mtm6404/content/#week-14	1, 2, 3, 4
Week 15	**Finals Week** • Students will be given time to work on their final project	Participation 12 Final Project	0% 25%	https://imdac.github.io/mtm6404/content/#week-15	1, 2, 3, 4

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.