

## COURSE SECTION INFORMATION (CSI)

MTM6302 Introduction to JavaScript

Interactive Media Design

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### Learning Resources

- Course Web site: <https://imdac.github.io/mtm6302/>

### Evaluation Breakdown

Assessment	Value	CLRs
Participation 1: Get Ready for Git	2%	1, 2
Participation 2: Git JavaScript	2%	4
Participation 3: Crazy Cats	2%	3, 4
Participation 4: Looping Lizards	2%	3, 4
Participation 5: Get Your Functions On	2%	3, 4
Participation 6: Scramble Pseudocode	2%	3
Participation 7: Comedy of Errors	2%	3
Participation 8: Complete Autocomplete	2%	3, 4
Participation 9: Color Picker	2%	1, 2, 3, 4
Participation 10: Sassy Cats	2%	1, 2, 3, 4
Exercise 1: Madlibs	6%	4
Exercise 2: Looping Lyrics	6%	3, 4
Exercise 3: Functional Fishing	6%	3, 4
Exercise 4: Jeopardy	6%	1, 2, 3, 4
Exercise 5: Sassy Shapes	6%	1, 2, 3, 4
Exercise 6: Double Jeopardy (Bonus)	0%	1, 2, 3, 4
Project 1: Scramble	25%	3, 4
Project 2: Memory	25%	1, 2, 3, 4

### Learning Schedule (subject to change with notification)

Date	Weekly Theme and Learning Outcomes	Learning Activities	Assessments (%)	Resources	CLRs
<b>Week 1</b>	<b>Course Introduction</b> <ul style="list-style-type: none"> <li>Students will receive an introduction of the course</li> <li>Students will install and update the necessary tools</li> </ul>			<a href="https://imdac.github.io/mtm6302/content/#week-1">https://imdac.github.io/mtm6302/content/#week-1</a>	1, 2
<b>Week 2</b>	<b>Git and JavaScript Basic</b> <ul style="list-style-type: none"> <li>Students will receive a basic introduction to JavaScript, Git and GitHub</li> </ul>	Participation 1: Get Ready for Git  Participation 2: Git JavaScript	2%  2%	<a href="https://imdac.github.io/mtm6302/content/#week-2">https://imdac.github.io/mtm6302/content/#week-2</a>	1, 2, 4
<b>Week 3</b>	<b>Objects and Arrays</b> <ul style="list-style-type: none"> <li>Students will learn how to create and use Objects and Arrays in JavaScript</li> </ul>	Participation 3: Crazy Cats  Exercise 1: Madlibs	2%  6%	<a href="https://imdac.github.io/mtm6302/content/#week-3">https://imdac.github.io/mtm6302/content/#week-3</a>	3, 4
<b>Week 4</b>	<b>Control Flow</b> <ul style="list-style-type: none"> <li>Students will learn about and to use operators, conditional statements and loops</li> </ul>	Participation 4: Looping Lizards  Exercise 2: Looping Lyrics	2%  6%	<a href="https://imdac.github.io/mtm6302/content/#week-4">https://imdac.github.io/mtm6302/content/#week-4</a>	3, 4
<b>Week 5</b>	<b>Functions</b> <ul style="list-style-type: none"> <li>Students will learn how to create and use custom functions</li> <li>Students will learn to write pseudocode</li> </ul>	Participation 5: Get Your Functions On  Exercise 3: Functional Fishing	2%  6%	<a href="https://imdac.github.io/mtm6302/content/#week-5">https://imdac.github.io/mtm6302/content/#week-5</a>	3, 4
<b>Week 6</b>	<b>Problem Solving</b> <ul style="list-style-type: none"> <li>Students will learn how to solve problems and debug their code</li> </ul>	Participation 6: Scramble Pseudocode  Participation 7: Comedy of Errors	2%  2%	<a href="https://imdac.github.io/mtm6302/content/#week-6">https://imdac.github.io/mtm6302/content/#week-6</a>	3, 4
<b>Week 7</b>	<b>Methods</b> <ul style="list-style-type: none"> <li>Students will learn how to use different pre-defined methods</li> </ul>	Participation 8: Complete Autocomplete	2%	<a href="https://imdac.github.io/mtm6302/content/#week-7">https://imdac.github.io/mtm6302/content/#week-7</a>	3, 4
<b>Week 8</b>	BREAK	BREAK	BREAK	BREAK	BREAK

<b>Week 9</b>	<b>DOM Manipulation</b> <ul style="list-style-type: none"> <li>Students will learn about the DOM and manipulate it using JavaScript</li> </ul>	Exercise 4: Jeopardy  Project 1: Scramble	2%  25%	<a href="https://imdac.github.io/mtm6302/content/#week-9">https://imdac.github.io/mtm6302/content/#week-9</a>	1, 2, 3, 4
<b>Week 10</b>	<b>DOM Events</b> <ul style="list-style-type: none"> <li>Students will learn about DOM Events and how to respond when DOM Event occur</li> </ul>	Participation 9: Color Picker	2%	<a href="https://imdac.github.io/mtm6302/content/#week-10">https://imdac.github.io/mtm6302/content/#week-10</a>	1, 2, 3, 4
<b>Week 11</b>	<b>Frameworks and Libraries</b> <ul style="list-style-type: none"> <li>Students will learn about different Frameworks and Libraries available for JavaScript and CSS</li> <li>Students will learn the basics of how to use jQuery</li> </ul>			<a href="https://imdac.github.io/mtm6302/content/#week-11">https://imdac.github.io/mtm6302/content/#week-11</a>	1, 2, 3, 4
<b>Week 12</b>	<b>Sass Basics</b> <ul style="list-style-type: none"> <li>Students will learn about basics of using Sass</li> </ul>	Exercise 5: Sassy Shapes	6%	<a href="https://imdac.github.io/mtm6302/content/#week-12">https://imdac.github.io/mtm6302/content/#week-12</a>	1, 2, 4
<b>Week 13</b>	<b>SassScript</b> <ul style="list-style-type: none"> <li>Students will learn how use Sass as a scripting language.</li> </ul>	Participation 10: Sassy Cats	2%	<a href="https://imdac.github.io/mtm6302/content/#week-13">https://imdac.github.io/mtm6302/content/#week-13</a>	1, 2, 3, 4
<b>Week 14</b>	<b>Course Review</b> <ul style="list-style-type: none"> <li>Students will receive a review of the topics discussed in the course</li> </ul>			<a href="https://imdac.github.io/mtm6302/content/#week-14">https://imdac.github.io/mtm6302/content/#week-14</a>	1, 2, 3, 4
<b>Week 15</b>	<b>Finals Week</b> <ul style="list-style-type: none"> <li>Students will be given time to work on their final project</li> </ul>	Exercise 6: Double Jeopardy  Project 2: Memory	0%  25%	<a href="https://imdac.github.io/mtm6302/content/#week-15">https://imdac.github.io/mtm6302/content/#week-15</a>	

## **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 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.