

## ENGR 132 Assignment Schedule

Summer 2023

Quiz Schedule	Points	Class	Date
Quiz 1 MATLAB Basics, Array Indexing, Scripts, and Statistics	30	1D	13-Jun
Quiz 2 Figure & Text Displays, Relational & Logical Operators, Selection Structures	30	2C	19-Jun
Quiz 3 Infinite (while) & Definite (for) Loops	30	3A	24-Jun
Quiz 4 User-Defined Functions	30	3D	27-Jun
Quiz 5 Complex Loops	30	4C	3-Jul
Quiz 6 Linear Regression	30	5C	9-Jul
Quiz 7 Non-Linear Regression	30	6B	16-Jul
Quiz 8 Cumulative Review	30	7B	23-Jul

<b>Week 1</b>			
<b>Class 1A</b>	<b>6/10</b>	<b>Course Introduction</b>	
Assignment	Points	Type	Due
A01 Academic Integrity	5	Individual	Class 1B
PCQ1 Algebraic Operations	1	Video & Quiz	Class 1B
PCQ2 Built-in Functions	2	Video & Quiz	Class 1B
PCQ3 Variable Names	5	Video & Quiz	Class 1B
PCQ4 Assign Vectors & Matrices	2	Video & Quiz	Class 1B
PCQ5 Element by Element Operations	6	Video & Quiz	Class 1B
A02 CATME Team Formation	5	Individual	6/12/24 11:59 PM
A03 MATLAB Calculations	15	Individual	Class 1D

<b>Class 1B 6/11 MATLAB Basics</b>			
<b>Assignment</b>	<b>Points</b>	<b>Type</b>	<b>Due</b>
PCQ6 Array Indexing - Copying Values	1	Video & Quiz	Class 1C
PCQ7 Array Indexing - Replacing Values	1	Video & Quiz	Class 1C
PCQ8 Linear Indexing - Copying Values	1	Video & Quiz	Class 1C
PCQ9 Linear Indexing - Replacing Values	1	Video & Quiz	Class 1C
PCQ10 Concatenating Arrays	1	Video & Quiz	Class 1C
PCQ11 Scripts & Programming Standards	3	Video & Quiz	Class 1C
PCQ12 Basic Flowcharts	2	Video & Quiz	Class 1C
<b>Class 1C 6/12 Array Indexing, Scripts, and Statistics</b>			
<b>Assignment</b>	<b>Points</b>	<b>Type</b>	<b>Due</b>
PCQ13 Importing Data	3	Video & Quiz	Class 1D
PCQ14 Plotting in MATLAB	4	Video & Quiz	Class 1D
PCQ15 The fprintf Command	1	Video & Quiz	Class 1D
A04 MATLAB Scripts & Plots	30	Individual	Class 2A
<b>Class 1D 6/13 Importing Data, Plots, and Text Displays</b>			
<b>Assignment</b>	<b>Points</b>	<b>Type</b>	<b>Due</b>
PCQ16 Logical Operations	3	Video & Quiz	Class 2A
PCQ17 Relational Operations	4	Video & Quiz	Class 2A

<b>Week 2</b>			
<b>Class 2A</b>	<b>6/17</b>	<b>Relational &amp; Logical Operators</b>	
<b>Assignment</b>			<b>Points      Type      Due</b>
PCQ18 Teamwork Dimensions			3      Video & Quiz      Class 2B
PCQ19 Selection Structures			2      Video & Quiz      Class 2B
A05 MATLAB Logic Operators & Selection Structures			30      Individual      Class 2D
<b>Class 2B</b>	<b>6/18</b>	<b>Selection Structures &amp; Teaming</b>	
<b>Assignment</b>			<b>Points      Type      Due</b>
PCQ20 Loop Basics & While Loops			5      Video & Quiz      Class 2C
A06 Code of Cooperation			10      Team      Class 2D
A07 MATLAB Looping Structures			30      Individual      Class 3A
<b>Class 2C</b>	<b>6/19</b>	<b>Indefinite Loops (WHILE)</b>	
<b>Assignment</b>			<b>Points      Type      Due</b>
PCQ21 For Loops			4      Video & Quiz      Class 2D
<b>Class 2D</b>	<b>6/20</b>	<b>Definite Loops (FOR)</b>	
<b>Assignment</b>			<b>Points      Type      Due</b>
PCQ22 UDFs			5      Video & Quiz      Class 3A

<b>Week 3</b>			
<b>Class 3A</b>	<b>6/24</b>	<b>User-Defined Functions</b>	
<b>Assignment</b>			<b>Points      Type      Due</b>
A08 MATLAB UDFs #1			15      Individual      Class 3C
<b>Class 3B</b>	<b>6/25</b>	<b>User-Defined Functions</b>	
No new assignments			

<b>Class 3C</b>	<b>6/26</b>	<b>User-Defined Functions</b>			
<b>Assignment</b>			<b>Points</b>	<b>Type</b>	<b>Due</b>
A09	MATLAB	UDFs #2	15	Individual	Class 4A
A09 Team	MATLAB	UDFs #3	10	Team	Class 4A
<b>Class 3D</b>	<b>6/27</b>	<b>Workshop</b>			
<b>Assignment</b>			<b>Points</b>	<b>Type</b>	<b>Due</b>
PCQ23	Complex	Loops	2	Video & Quiz	Class 4A

<b>Week 4</b>					
<b>Class 4A</b>	<b>7/1</b>	<b>Complex Loops</b>			
<b>Assignment</b>			<b>Points</b>	<b>Type</b>	<b>Due</b>
A10	MATLAB	Complex Loops	30	Individual	Class 5A
<b>Class 4B</b>	<b>7/2</b>	<b>Complex Loops</b>			
No new assignments					
<b>Class 4C</b>	<b>7/3</b>	<b>Workshop</b>			
<b>Assignment</b>			<b>Points</b>	<b>Type</b>	<b>Due</b>
PCQ24	Linear	Regression	6	Video & Quiz	Class 5A
PCQ25	Linear	Reg calcs	3	Video & Quiz	Class 5A
<b>Class 4D</b>	<b>7/4</b>	<b>NO CLASS</b>			

<b>Week 5</b>			
<b>Class 5A</b>	<b>7/8</b>	<b>Linear Regression</b>	
<b>Assignment</b>			<b>Points      Type      Due</b>
PCQ26 Least Squares in Excel & MATLAB			1      Video & Quiz      Class 5B
A11 Linear Regression			30      Individual      Class 5D
A12 CATME Peer & Team Evaluation 1			10      Individual      7/10/24 11:59 PM
<b>Class 5B</b>	<b>7/9</b>	<b>Linear Regression</b>	
<b>Assignment</b>			<b>Points      Type      Due</b>
PCQ27 Non-Linear Regression			1      Video & Quiz      Class 5C
<b>Class 5C</b>	<b>7/10</b>	<b>Non-Linear Regression</b>	
<b>Assignment</b>			<b>Points      Type      Due</b>
A13 MATLAB Non-Linear Regression			30      Individual      Class 6A
<b>Class 5D</b>	<b>7/11</b>	<b>Non-Linear Regression</b>	
No new assignments			

<b>Week 6</b>			
<b>Class 6A</b>	<b>7/15</b>	<b>Project</b>	
<b>Assignment</b>			
A14 Code of Cooperation Revisit	5	Team	Class 6C
M0 Project Introduction	5	Individual	Class 6B
<b>Class 6B</b>	<b>7/16</b>	<b>Project</b>	
<b>Assignment</b>			
M1 Milestone 1	35	Team	Class 6D
<b>Class 6C</b>	<b>7/17</b>	<b>Project</b>	
A15 CATME Peer & Team Evaluation 2	10	Individual	7/18/23 11:59 PM
<b>Class 6D</b>	<b>7/18</b>	<b>Project</b>	
<b>Assignment</b>			
M2 Milestone 2	65	Team	Class 7B

<b>Week 7</b>			
<b>Class 7A</b>	<b>7/22</b>	<b>Project</b>	
No new assignments			
<b>Class 7B</b>	<b>7/23</b>	<b>Project</b>	
<b>Assignment</b>			
M3 Milestone 3	50	Team	Class 7D
<b>Class 7C</b>	<b>7/24</b>	<b>Project</b>	
No new assignments			
<b>Class 7D</b>	<b>7/25</b>	<b>Project</b>	
<b>Assignment</b>			
M4 Milestone 4 & Technical Brief	25	Team	Class 8B

<b>Week 8</b>			
<b>Class 8A</b>	<b>7/29</b>	<b>Project</b>	
<b>Assignment</b>			
A16 CATME Peer & Team Evaluation 3		<b>Points</b>	<b>Type</b>
		10	Individual
			<b>Due</b>
			7/30/23 11:59 PM
<b>Class 8B</b>	<b>7/30</b>	<b>Course Wrap-up</b>	
No new assignments			