

# ENGR 132 - Assignment List

Fall 2024

<b>Exam Schedule</b>			
<u>Exam</u>	<u>Points</u>	<u>Class</u>	<u>Date</u>
EX1 Exam 1 (In-Class)	80	Class 6B	9/25/24 1:30 PM
EX2 Exam 2 (In-Class)	80	Class 10A	10/21/24 1:30 PM
EX3 Exam 3 (In-Class)	80	Class 12B	11/6/24 1:30 PM

<b>Week 1</b>			
<b>Class 1A 8/19/2024</b>		<b>Course Introduction</b>	
<u>Assignment</u>	<u>Points</u>	<u>Type</u>	<u>Due Date</u>
PCQ01 Algebraic Operations	1	Video & Quiz	Class 1B
PCQ02 Built-in Functions	2	Video & Quiz	Class 1B
PCQ03 Variable Names	4	Video & Quiz	Class 1B
PCQ04 Assigning Vectors & Matrices	2	Video & Quiz	Class 1B
PCQ05 Element by Element Operations	3	Video & Quiz	Class 1B
A01 Academic Integrity & Personal Responsibility	5	Individual Assignment	Class 1B
A02 Calculations	15	Individual Assignment	Class 2A
CAT0 CATME: Team Formation Survey	5	Individual Assignment	8/28/24 11:59 PM
<b>Class 1B 8/21/2024</b>		<b>MATLAB Basics</b>	
<u>Assignment</u>	<u>Points</u>	<u>Type</u>	<u>Due Date</u>
PCQ06 Array Indexing - Copying Values	1	Video & Quiz	Class 2A
PCQ07 Array Indexing - Replacing Values	1	Video & Quiz	Class 2A
PCQ08 Linear Indexing - Copying Values	1	Video & Quiz	Class 2A
PCQ09 Linear Indexing - Replacing Values	1	Video & Quiz	Class 2A
PCQ10 Concatenating Arrays	3	Video & Quiz	Class 2A
PCQ11 Scripts & Programming Standards	2	Video & Quiz	Class 2A
PCQ12 Flowcharts	4	Video & Quiz	Class 2A

**Week 2****Class 2A 8/26/2024****Array Indexing, Scripts, and Statistics****Assignment**

<u>Points</u>	<u>Type</u>	<u>Due Date</u>
4	Video & Quiz	Class 2B
4	Video & Quiz	Class 2B
3	Video & Quiz	Class 2B
30	Individual Assignment	Class 3B

PCQ13 Importing Data

PCQ14 Plotting in MATLAB

PCQ15 The fprintf Command

A03 Scripts &amp; Plots

**Class 2B 8/28/2024****Importing Data, Plots, and Text Displays****Assignment**

<u>Points</u>	<u>Type</u>	<u>Due Date</u>
4	Video & Quiz	Class 3B
3	Video & Quiz	Class 3B

PCQ16 Logical Operations in MATLAB

PCQ17 Relational Operations in MATLAB

**Week 3****Class 3A 9/2/2024****NO CLASS - Labor Day****Class 3B 9/4/2024****Relational & Logical Operators****Assignment**

<u>Points</u>	<u>Type</u>	<u>Due Date</u>
3	Video & Quiz	Class 4A
2	Video & Quiz	Class 4A
15	Individual Assignment	Class 4A
15	Individual Assignment	Class 4B

PCQ18 Teamwork Dimensions

PCQ19 Selection Structures

A04 Logic Operations

A05 Selection Structures

<b>Week 4</b>			
<b>Class 4A</b>	<b>9/9/2024</b>	<b>Selection Structures &amp; Teaming</b>	
<u>Assignment</u>		<u>Points</u>	<u>Type</u>
PCQ20	Loop Basics & While Loops	5	Video & Quiz
A06	Team Code of Cooperation	10	Team Assignment
			<u>Due Date</u>
			Class 4B
			Class 4B
<b>Class 4B 9/11/2024</b>			
<b>Indefinite Loops (WHILE)</b>			
<u>Assignment</u>		<u>Points</u>	<u>Type</u>
PCQ21	For Loops	4	Video & Quiz
A07	Looping Structures	30	Individual Assignment
A07+	Team Plan	2	Team Assignment
			<u>Due Date</u>
			Class 5A
			Class 5B
			Class 5B

<b>Week 5</b>			
<b>Class 5A</b>	<b>9/16/2024</b>	<b>Definite Loops (FOR)</b>	
<u>Assignment</u>		<u>Points</u>	<u>Type</u>
PCQ22	User-Defined Functions	5	Video & Quiz
			<u>Due Date</u>
			Class 5B
<b>Class 5B 9/18/2024</b>			
<b>User-Defined Functions</b>			
<u>Assignment</u>		<u>Points</u>	<u>Type</u>
A08	User-Defined Functions	30	Individual Assignment
A08+	Team Plan	2	Team Assignment
TT	Team Task - User-Defined Functions	10	Team Assignment
			<u>Due Date</u>
			Class 7A
			Class 7A
			Class 7A

<b>Week 6</b>			
<b>Class 6A</b>	<b>9/23/2024</b>	<b>User-Defined Functions</b>	
<u>Assignment</u>		<u>Points</u>	<u>Type</u>
PCQ23	Complex Loops	2	Video & Quiz
			<u>Due Date</u>
			Class 7A
<b>Class 6B 9/25/2024</b>			
<b>Exam 1 (In-Class)</b>			
<u>Assignment</u>		<u>Points</u>	<u>Type</u>
EX1	Exam 1 (In-Class)	80	Exam
			<u>Due Date</u>
			Class 6B

<b>Week 7</b>			
<b>Class 7A</b>	<b>9/30/2024</b>	<b>Complex Loops</b>	
<b><u>Assignment</u></b>		<b><u>Points</u></b>	<b><u>Type</u></b>
A09 Complex Loops		30	Individual Assignment
A09+ Team Plan		1	Team Assignment
CAT1 CATME: Peer & Team Evaluation #1		10	Individual Assignment
			<b><u>Due Date</u></b>
			Class 8B
			Class 8B
			10/2/24 11:59 PM
<b>Class 7B 10/2/2024</b>			
<b>Complex Loops</b>			
<b><u>Assignment</u></b>		<b><u>Points</u></b>	<b><u>Type</u></b>
PCQ24 Linear Regression		6	Video & Quiz
PCQ25 Linear Regression Calculations		4	Video & Quiz
			<b><u>Due Date</u></b>
			Class 8B
			Class 8B

<b>Week 8</b>			
<b>Class 8A</b>	<b>10/7/2024</b>	<b>NO CLASS - Fall Break</b>	
<b>Class 8B</b>	<b>10/9/2024</b>	<b>Linear Regression</b>	
<b><u>Assignment</u></b>		<b><u>Points</u></b>	<b><u>Type</u></b>
PCQ26 Least Squares in Excel & MATLAB		3	Video & Quiz
A10 Linear Regression		30	Individual Assignment
A10+ Team Plan		1	Team Assignment
			<b><u>Due Date</u></b>
			Class 9A
			Class 9B
			Class 9B

<b>Week 9</b>			
<b>Class 9A</b>	<b>10/14/2024</b>	<b>Linear Regression</b>	
<b><u>Assignment</u></b>		<b><u>Points</u></b>	<b><u>Type</u></b>
PCQ27 Non-Linear Regression		2	Video & Quiz
			<b><u>Due Date</u></b>
			Class 9B
<b>Class 9B 10/16/2024</b>			
<b>Non-Linear Regression</b>			
<b><u>Assignment</u></b>		<b><u>Points</u></b>	<b><u>Type</u></b>
A11 Non-Linear Regression		30	Individual Assignment
A11+ Team Plan		1	Team Assignment
			<b><u>Due Date</u></b>
			Class 11A
			Class 11A

<b>Week 10</b>			
<b>Class 10A</b>	<b>10/21/2024</b>	<b>Exam 2 (In-Class)</b>	
<u>Assignment</u>		<u>Points</u>	<u>Type</u>
	EX2 Exam 2 (In-Class)	80	Exam
			<u>Due Date</u>
			Class 10A
<b>Class 10B</b>	<b>10/23/2024</b>	<b>Non-Linear Regression/Project - M0</b>	
<u>Assignment</u>		<u>Points</u>	<u>Type</u>
	M0 Project Introduction	10	Project
			<u>Due Date</u>
			Class 11A

<b>Week 11</b>			
<b>Class 11A</b>	<b>10/28/2024</b>	<b>Project - M1</b>	
<u>Assignment</u>		<u>Points</u>	<u>Type</u>
	A12 Team Code of Cooperation - Revisit	5	Team Assignment
	M1A Milestone 1A	15	Project
			<u>Due Date</u>
			Class 11B
<b>Class 11B</b>	<b>10/30/2024</b>	<b>Project - M1</b>	
<u>Assignment</u>		<u>Points</u>	<u>Type</u>
	M1B Milestone 1B	20	Project
	M1B ICA Milestone 1B In-Class Activity	10	Project
			<u>Due Date</u>
			Class 12A
			Class 11B

<b>Week 12</b>			
<b>Class 12A</b>	<b>11/4/2024</b>	<b>Project - M2</b>	
<u>Assignment</u>		<u>Points</u>	<u>Type</u>
	M2 - IND Milestone 2 - Individual	10	Project
	M2 - TEAM Milestone 2 - Team	35	Project
	CAT2 CATME: Peer & Team Evaluation #2	10	Individual Assignment
			<u>Due Date</u>
			Class 13B
			Class 13B
			11/6/24 11:59 PM
<b>Class 12B</b>	<b>11/6/2024</b>	<b>Exam 3 (In-Class)</b>	

<b>Week 13</b>			
<b>Class 13A</b>	<b>11/11/2024</b>	<b>Project - M2</b>	
No New Assignments			
<b>Class 13B</b>	<b>11/13/2024</b>	<b>Project - M3</b>	
<b><u>Assignment</u></b>		<b><u>Points</u></b>	<b><u>Type</u></b>
M3 - TEAM Milestone 3 - Team		50	Project
			<b><u>Due Date</u></b>
			Class 14B

<b>Week 14</b>			
<b>Class 14A</b>	<b>11/18/2024</b>	<b>Project - M3</b>	
No New Assignments			
<b>Class 14B</b>	<b>11/20/2024</b>	<b>Project - M4</b>	
<b><u>Assignment</u></b>		<b><u>Points</u></b>	<b><u>Type</u></b>
M4 - IND Milestone 4 - Individual		15	Project
M4 - TEAM Milestone 4 - Team		20	Project
			<b><u>Due Date</u></b>
			Class 16B

<b>Week 15</b>			
<b>Class 15A</b>	<b>11/25/2024</b>	<b>NO CLASS - Thanksgiving Break</b>	
<b>Class 15B</b>	<b>11/27/2024</b>	<b>NO CLASS - Thanksgiving Break</b>	

<b>Week 16</b>			
<b>Class 16A</b>	<b>12/2/2024</b>	<b>Project - M4</b>	
<b><u>Assignment</u></b>		<b><u>Points</u></b>	<b><u>Type</u></b>
CAT3 CATME: Peer & Team Evaluation #3		10	Individual Assignment
			<b><u>Due Date</u></b>
			12/4/24 11:59 PM
<b>Class 16B</b>	<b>12/4/2024</b>	<b>Course Wrap-up</b>	
<b><u>Assignment</u></b>		<b><u>Points</u></b>	<b><u>Type</u></b>
A13 End of Semester Survey		*	Individual Assignment
			<b><u>Due Date</u></b>
			12/6/24 11:59 PM

\* denotes extra credit