Schedule of Topics Spring 2025 (subject to change)

	Week	Topics/Lecture	Topics/Recitation	Community Engagement	HW/CW Assigned
21-Jan to 27-Jan	1	Introductions/Syllabus Day/Data Types		CE Overview; Advising Syllabus; Policies [Calc GPA, Credit Loads, SAP]	Reading/Reading Qu 1 + 2 (Due Week 2)
28-Jan to 3-Feb	2	Operations/Built-in Function/PseudoCode	Review Matlab from Previous semester/Introductions (Variables/Scripts)	The Elevator Pitch; Policies [Summer Reg, Internships + Co-ops]	HW1: Operations/Problem Solving due week 4 Reading/Reading Qu 3 (Due Week 3)
4-Feb to 10-Feb	3	Logic	Pseudocode/Mathematical Operations/Builtin Function	CareerCon: Mock Career Fair	HW2: Pseudocode/E in functions(stats) du week 5 Reading/Reading Qu 4 (Due Week 4)
11-Feb to 17-Feb	4	Array and Data Analysis	Logic-Train Tracks	Attend Career Fair	HW3: Logic Reading/Reading Qu 5 (Due Week 5)
18-Feb to	5	Loops	Arrays	National Engineers Week - **(Quiz 1)**	Quiz 1 (variables,script,pser code, builtin function HW4: Arrays

24-Feb					Reading/Reading Qu 6 (Due Week 6)
25-Feb to 3-Mar	6	User Defined Functions/Input and Output	Modeling Iterative Processes	Declaring/changing a major; class rank, class year; Soph Course Planning (ECE, ISE, CBE, MSE);	HW5: Loops Reading/Reading Qu 7 (Due Week 7)
4-Mar to 10-Mar	7	Matrices	Matrices	Declaring/changing a major; class rank, class year; Soph Course Planning (MAE, Pack'g, CivE, EnvE, BME)	HW6: UD Functions **Quiz 2: logic,arrays loops**
11-Mar to 24-Mar	8	Open-Ended Project - Brainstorming/Quiz OE in person	Open-Ended Project - Data Collection	Faculty, Alumni, Student Org Mixer (ECE, ISE, CBE, MSE)	HW7: Matrices **Quiz on Community Engagement**
17-Mar to 21-Mar		Spring Break			
25-Mar to 31-Mar	10	Final "Exam" Review	Open-Ended Project - Data Analysis	Faculty, Alumni, Student Org Mixer (MAE, Pack'g, CivE, EnvE, BME)	HW8: Review or Mat onramp
1-Apr to	11	Project Topics	Project - Prototyping	Cumulative Exam	

7-Apr				
8-Apr to 14-Apr	12	Project Topics	Project - Testing	Project time - Presentations basics
15-Apr to 21-Apr	13	Project Topics	Project - Reiterate	Project time
22-Apr to 28-Apr	14	Wrap Up	Presentations	Project time
29-Apr to 5-May	15	Wrap Up	Presentations	Project time

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