

Schedule of Topics Fall 2024

Dates	Week	Lecture	Recitation	Community Engagement	HW (Assigned)
9/3 9/9	1	Introductions/Syllabus Day / Engineering Design	Basic Units	CE Intro, Advising 101, Add/Drop Advising	Reading Assignment 1&2 HW Quiz: Basic Units (individual)
9/10 9/16	2	Data Visualization - CE	Start 3D modeling (Dogbone) Introduce Individual Project	Why Engineering? Academic Integrity, Getting Organized Tips	Work on individual project HW: OnShape Modeling Certificate (individual)
9/17 9/23	3	Problem Solving - ISE	Units/Solving Problems	Policies [Gen Eds, Electives, Absences, Exam Conflicts]; Aspirational Resume	Reading Assignment 3 HW: Busch Campus Energy Consumption (individual) Community Engagement: 168 Hr Time Management Reflection
9/24 9/30	4	Intro to MATLAB - AE	MATLAB Assignment	Inclusive Eng Design	CW: Data analysis script

					AE explanation HW: MATLAB Cylinder Problem
10/1 10/7	5	Engineering Graphics - 3D Modeling-CBE	3D Modeling Mini Lecture/CBE Reactor	Policies [Eng Majors, 2nd majors, minors, withdrawal, repeating courses, pass/no credit]; Campus Resources	CW/HW: Impeller Design (individual)
10/8 10/14	6	Data Stats - BME	Data Stats	Learning Workshop	
10/15 10/21	7	Combined topics - ME	Mid Semester Check In/ Eng Design/Brainstorm for Project 1	Midterm	HW: MATLAB Part 1/ME data with MATLAB (individual)
10/22 10/28	8	Combined topics - MSE	Project Phase 1 Problem Definition	Lab Visits Midterm Advising Check-in	Individual Project Due
10/29 11/4	9	Project-Phase 2-Needs Assessment - EE	Project-Phase 2/Needs Assessment	Group Project Time	HW: Progress Update (group)

11/5 11/11	10	Phase 3 Model - ECE	Phase 3 Model	Policies [Course Repeat, Scholastic Standing, Deans List]; Spring Reg Advising; Project time	Community Engagement: Grad Plan
11/12 11/18	11	Project-Phase 4- Model Prototype - BME	Project-Phase 3/4 Model Prototype	Near Peer Speakers	Community Engagement: Policy Quiz 3
11/19 11/25	12	Project-Phase 5- Communicate	Project-Phase 5- Communicate	Group Project Time Packaging Engineering	
12/2 12/6	14	Evaluations/Wrap UP	Group Presentations	Group Project/ Reports due	
12/9 12/13	15	No Class	No Class	Destress Workshop (during class)	

