COURSE SCHEDULE

ECE-100 - Principles of Electrical & Computer Engineering

Winter 2023 - Last Updated 11/29/2022

Week	Date	Topics	Assignments
Week 1	9-Jan	01: Basic Circuit Theories/Laws & Electrical Components	
Week 1	12-Jan	02: Basic Circuit Theories/Laws & Electrical Components	TBD
Week 2	16-Jan	M.L.K. DAY - NO CLASS	
Week 2	19-Jan	03: Circuit Simulation & Design	
Week 3	23-Jan	04: Circuit Simulation & Design	TBD
Week 3	26-Jan	05: Intro to Digital Logic & Microcontrollers	
Week 4	30-Jan	06: Intro to Digital Logic & Microcontrollers	TBD
Week 4	2-Feb	07: Digital & Analog Input/Output Interfacing	
Week 5	6-Feb	08: Digital & Analog Input/Output Interfacing	TBD
Week 5	9-Feb	09: Schematic Capture for PCB Design	
Week 6	13-Feb	10: Schematic Capture for PCB Design	TBD
Week 6	16-Feb	11: PCB Layout using Altium Designer	
Week 7	20-Feb	12: PCB Layout using Altium Designer	TBD
Week 7	23-Feb	13: PCB Soldering, Assembly, & Testing	
Week 8	27-Feb	14: PCB Soldering, Assembly, & Testing	TBD
Week 8	2-Mar	15: Robotic Sensors, Actuators & Control	
Week 9	6-Mar	16: Robotic Sensors, Actuators & Control	TBD
Week 9	9-Mar	17: Entrepreneurial Mindset, Wireless Comm, Final Project	
Week 10	13-Mar	18: Entrepreneurial Mindset, Wireless Comm, Final Project	TBD
Week 10	16-Mar	19: - Time to Work on Final Projects -	
Week 11	20-Mar	20: - Time to Work on Final Projects -	
Week 11	???	FINALS WEEK - NO CLASS	Final Projects Due

Note: the assignment schedules shown are tentative.