

ECE 47700 - Fall 2022

Weeks 1-8

Tenative Schedule - Subject to Change

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	August 22, 2022	August 23, 2022	August 24, 2022	August 25, 2022	August 26, 2022	August 27, 2022
Week 1		Man Labs (8:30,11:30,2:30)	Man Labs (9:30,3:30)		Due at 11:59pm	Reports Due at 11:59pm
		Lecture 1 Intro to ECE 47700		Lecture 2 Defining Requirements	(I) Progress Report 1 (optional) (I) Participation Quiz 1	(T) A1 - Final Project Proposal
	August 29, 2022	August 30, 2022	August 31, 2022	September 1, 2022	September 2, 2022	September 3, 2022
Week 2		Man Labs (8:30,11:30,2:30)	Man Labs (9:30,3:30)		Due at 11:59pm	Reports Due at 11:59pm
		Lecture 3A Hardware Interfacing		Lecture 3B Hardware Interfacing	(I) Progress Report 2 (optional) (T) Create Team Website (I) Participation Quiz 2	(T) A2 - Functional Specification
	September 5, 2022	September 6, 2022	September 7, 2022	September 8, 2022	September 9, 2022	September 10, 2022
Week 3	Labor Day No Classes	Man Labs (8:30,11:30,2:30)	Man Labs (9:30,3:30)		Due at 11:59pm	Reports Due at 11:59pm
		Lecture 4A Discrete Components		Lecture 4B Discrete Components	(I) Progress Report 3 (I) Participation Quiz 3	(T) A0 - Revised Initial Project Prop. (I) A3 - Software Overview
	September 12, 2022	September 13, 2022	September 14, 2022	September 15, 2022	September 16, 2022	September 17, 2022
Week 4		Man Labs (8:30,11:30,2:30)	Man Labs (9:30,3:30)		Due at 11:59pm	Reports Due at 11:59pm
		Lecture 5A Power Design		Lecture 5B Power Design	(I) Progress Report 4 (I) Participation Quiz 4	(I) A4 - Electrical Overview (T) A5 - Component Analysis
	September 19, 2022	September 20, 2022	September 21, 2022	September 22, 2022	September 23, 2022	September 24, 2022
Week 5		Man Labs (8:30,11:30,2:30)	Man Labs (9:30,3:30)		Due at 11:59pm	Reports Due at 11:59pm
		Lecture 6 Firmware Design		Lecture 7 Hardware Design 1	(I) Progress Report 5 (T) "Locked Down" PSSCs (I) Participation Quiz 5	(I) A6 - Mechanical Overview (T) A7 - Bill of Materials
	September 26, 2022	September 27, 2022	September 28, 2022	September 29, 2022	September 30, 2022	October 1, 2022
Week 6		Man Labs (8:30,11:30,2:30)	Man Labs (9:30,3:30)		Due at 11:59pm	Reports Due at 11:59pm
		Lecture 8 Hardware Design 2		Lecture 9A PCB Debugging	(I) Progress Report 6 (T) Schematic & PCB Footprints (I) Participation Quiz 6	(I) A8 - Software Formalization
	October 3, 2022	October 4, 2022	October 5, 2022	October 6, 2022	October 7, 2022	October 8, 2022
Week 7		Man Labs (8:30,11:30,2:30)	Man Labs (9:30,3:30)		Due at 11:59pm	Work on Midterm Design Review Presentation
		Lecture 9B PCB Debugging		MDR Lecture Design Review Lecture	(I) Progress Report 7 (T) PCB Layout (I) Participation Quiz 7	
	October 10, 2022	October 11, 2022	October 12, 2022	October 13, 2022	October 14, 2022	October 15, 2022
Week 8	October Break No Classes	October Break No Classes	Midterm Design Review Presentations	Midterm Design Review Presentations	Midterm Design Review Presentations	Due at 11:59pm
			Due after Pres.	Due after Pres.	Due after Pres.	(I) Progress Report 8 (optional)
			(I) Pres. Peer Reviews	(I) Pres. Peer Reviews	(I) Pres. Peer Reviews	(I) Midterm Teammate Reviews