

Week	Dates	Course Events	Member 1: Courtney (Team Lead)	Member 2: Travis (Software)	Member 3: Sophie (Systems/Hardware)	Member 4: Matt (Software/ Systems)
1	Jan. 13 - Jan. 19	Homework 0: Initial Project Proposal	0: Initial Project Proposal	0: Initial Project Proposal	0: Initial Project Proposal	0: Initial Project Proposal
2	Jan. 20 - Jan. 26	Homework 1: Final Project Proposal, Project Schedule Due	1: Final Project Proposal, Project Schedule	1: Final Project Proposal, Project Schedule	1: Final Project Proposal, Project Schedule	1: Final Project Proposal, Project Schedule
3	Jan. 27 - Feb. 2	Homework 2: PCB Tutorial Exercise	2: PCB Tutorial Exercise	2: PCB Tutorial Exercise	2: PCB Tutorial Exercise	2: PCB Tutorial Exercise
4	Feb. 3 - Feb. 9	Homework 3: Design Constraint Analysis, Prototyping Hardware Ordering and Acquisition	LED brainstorming/design	3: Design Constraint Analysis/ Parts List	Microcontroller research	
5	Feb. 10 - Feb. 16	Homework 4: Packaging Design, Notebook Evaluation 1, Electrical Components Ordering	4: Packaging Design and Specs			
6	Feb. 17 - Feb. 23	Homework 5: Preliminary Schematic and Narrative		Webapp prototyping	5: Hardware Narrative and Prelim Schematic	Rpi prototyping
7	Feb. 24 - Mar. 2	Homework 6: Preliminary PCB Layout and Narrative		6: PCB Narrative and Prelim Layout		API access for streaming (Rpi)
8	Mar. 3 - Mar. 9	Midterm Design Reviews, Peer Evaluation 1	7: Peer Review - Midterm	7: Peer Review - Midterm	7: Peer Review - Midterm	7: Peer Review - Midterm
9	Mar. 10 - Mar. 16	PCB Verification and Ordering	8: PCB Submission, Final Schematic, and Parts Acquisition/ Fit	8: PCB Submission, Final Schematic, and Parts Acquisition/ Fit	8: PCB Submission, Final Schematic, and Parts Acquisition/ Fit	8: PCB Submission, Final Schematic, and Parts Acquisition/ Fit
10	Mar. 17 - Mar. 23	Spring vacation, no classes		API access for display/selection		Rpi/Webapp communication
11	Mar. 24 - Mar. 30	Homework 9: Software Design Narrative	Mechanical design decisions	Rpi/Webapp communication	Micro integration planning	9: Software Design Narrative
12	Mar. 31 - Apr. 5	Homework 10: Patent Liability Analysis, Notebook Evaluation 2			10: Patent Liability Analysis	
13	Apr. 6 - Apr. 12	Homework 11: Reliability and Safety Analysis				11: Reliability and Safety Analysis
14	Apr. 13 - Apr. 19	Homework 12: Ethical and Environmental Impact Analysis	12: Social/Political/Environmental Analysis			
15	Apr. 20 - Apr. 26	Poster, User Manual	13: User Manual 17: Poster	13: User Manual 17: Poster	13: User Manual 17: Poster	13: User Manual 17: Poster
16	Apr. 27 - May. 2	Final Report, Final Presentations, Senior Design Showcase, Notebook Evaluation 3, Peer Evaluation 2	14: Peer Review - Final 15: Senior Design Report 16: Final Report	14: Peer Review - Final 15: Senior Design Report 16: Final Report	14: Peer Review - Final 15: Senior Design Report 16: Final Report	14: Peer Review - Final 15: Senior Design Report 16: Final Report
17	May. 3 - May. 9	Finals Week	Wrap Everything up	Wrap Everything up	Wrap Everything up	Wrap Everything up