1.1 Outline

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LECTURE:

Monday	Week 1	09-11	All Class	RW 117
		11-12	All Class	MB 128
		15-17	All Class	BI 131
Tuesday	Week 1	14-17	All Class	OI G162
Wednesday	Week 1	14-18	Electromechanical	GB 405
		14-18	Circuits & Sensors	MP 134
		14-18	Microcontroller	ES 4001
Thursday	Week 1	09-11	Electromechanical	SS 2105
		09-11	Circuits & Sensors	SS 2108
		09-11	Microcontroller	SS 1087
Friday	Week 1	14-16 or 16-18	Electromechanical	SF 4003
		14-18	Circuits & Sensors	SS 1070
		14-18	Microcontroller	SS 1071
Monday	Week 2	09-11	All Class	RW 117
		11-12	All Class	MB 128
Monday	Week 3	09-11	All Class	RW 117
		11-12	All Class	MB 128

WORKSHOP:

Monday	Week 1	17-18	All Class	Team Formation	BI 131
Friday	Week 1	14-16 or 16-18	Electromechanical	Fabrication Safety	SF 4003
Monday	Week 2	14-16	Electromechanical, Section 1	Machine Shop Safety	SF 4003
Tuesday	Week 2	14-16	Electromechanical, Section 2	Machine Shop Safety	SF 4003
Wednesday	Week 2	14-16	Electromechanical, Section 3	Machine Shop Safety	SF 4003
Monday	Week 2	16-17	Section 1	Experimentation	SF 4103
Tuesday	Week 2	16-17	Section 2	Experimentation	SF 4103
Wednesday	Week 2	16-17	Section 3	Experimentation	SF 4103
Monday	Week 2	17-18	Circuits, Section 1	Soldering	SF 4102
Tuesday	Week 2	17-18	Circuits, Section 2	Soldering	SF 4102
Wednesday	Week 2	17-18	Circuits, Section 3	Soldering	SF 4102

PROJECT:

PIL:	The Pill Boxing Machine
HRD:	The Hardware Packing Machine
LAB:	The Lab Packing Machine

LABORATORY:

Section 1	Monday	PIL	Lab. SF 4003, 4102, 4103	13-18
Section 2	Tuesday	HRD	Lab. SF 4003, 4102, 4103	13-18
Section 3	Wednesday	LAB	Lab. SF 4003, 4102, 4103	13-18

Note 1: Safety rules and guidelines are the first and foremost consideration in all course activities.
Note 2: Attendance in the designated laboratory sessions is mandatory.
Note 3: An additional weekly Friday session (14-18) is optional for all sections in Weeks 3-6, 8-13.

Note 4: Late submission is not accepted for any milestone in this course.

MARKING:

Project Proposal (Week 4, group, marked by Instructor and TA's)	10%
Week-5 Performance Evaluation (individual, marked by Instructor and TA's)	10%
Intermediate Design Notebook (individual, marked by TA's)	7.5%
Week-8 Performance Evaluation (individual, marked by Instructor and TA's)	12.5%
Week-10 Progress Evaluation (group, marked by Instructor and TA's)	7.5%
Week-12 Project Evaluation (group, marked by Instructor and TA's)	12.5%
Project Demonstration (Week 14, group, marked by Instructor and TA's) or Project Review (week 13, individual, marked by Instructor and TA's)	12.5%
Final Design Notebook (individual, marked by TA's)	7.5%
Final Report (group, marked by Instructor)	20%