

ME 2110 - Creative Decisions and Design, Fall 2018

AUGUST

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	Monday	Tuesday	Wednesday	Thursday	Friday
	20	21	22	23	24
Week 1 Lec.	Introduction / Problem Understanding / Conceptual Design		Production Operations and Considerations		
Studio	Spaghetti Structure Design Project	Spaghetti Structure Design Project	Spaghetti Structure Design Project	Spaghetti Structure Design Project	Spaghetti Structure Design Project
Read	Course Article, Ch. 1		Chap. 2, 3, 4		
	27	28	29	30	31
Week 2 Lec.	Fabrication Basics		Functions/Specs /Machining		
Studio	Machining/Mechatronics	Machining/Mechatronics	Machining/Mechatronics	Machining/Mechatronics	Machining/Mechatronics
Read	Chap. 5		Chap. 10, 11, 12		

SEPTEMBER

	Monday	Tuesday	Wednesday	Thursday	Friday
	3	4	5	6	7
Week 3 Lec.	Holiday		Written & Oral Technical Communication Homework #1 Due		
Studio		Introductory Project	Introductory Project	Introductory Project	Introductory Project
Read			Chap. 6		
	10	11	12	13	14
Week 4 Lec.	Planning Tools		Risk Quantification Homework #2 Due		
Studio	Machining/Mechatronics	Machining/Mechatronics	Machining/Mechatronics	Machining/Mechatronics	Machining/Mechatronics
Read	Chap. 13				
	17	18	19	20	21
Week 5 Lec.	Quality Assurance		Big Design Project Homework #3 Due		
Studio	Intro-Proj Report & Presentation Introductory Project Cont.	Intro-Proj Report & Presentation Introductory Project Cont.	Intro-Proj Report & Presentation Introductory Project Cont.	Intro-Proj Report & Presentation Introductory Project Cont.	Intro-Proj Report & Presentation Introductory Project Cont.
Read	Chap. 7, 8, 9				
	24	25	26	27	28
Week 6 Lec.	Industrial Design		Long Reports		
Studio	Mach./Mech. Check-Out Intro Proj. Final Rpt. Major Project Discussion	Mach./Mech. Check-Out Intro Proj. Final Rpt. Major Project Discussion	Mach./Mech. Check-Out Intro Proj. Final Rpt. Major Project Discussion	Mach./Mech. Check-Out Intro Proj. Final Rpt. Major Project Discussion	Mach./Mech. Check-Out Intro Proj. Final Rpt. Major Project Discussion

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OCTOBER

	Monday	Tuesday	Wednesday	Thursday	Friday
	1	2	3	4	5
Week 7 Lec.	Intellectual Property		Design for Manufacturing / Last Mandatory Lecture Homework #4 Due		
Studio	Individual Competition	Individual Competition	Individual Competition	Individual Competition	Individual Competition
	8	9	10	11	12
Week 8 Lec.	Holiday	Holiday	No Lecture		
Studio			Trigger Verification	Trigger Verification	Trigger Verification
	15	16	17	18	19
Week 9 Lec.	No Lecture		No Lecture		
Studio	Planning Report & Pres. Team Competition	Planning Report & Pres. Team Competition	Planning Report & Pres. Team Competition	Planning Report & Pres. Team Competition	Planning Report & Pres. Team Competition
	22	23	24	25	26
Week 10 Lec.	No Lecture		No Lecture		
Studio	Evaluation Report & Pres. Preliminary Contest	Evaluation Report & Pres. Preliminary Contest	Evaluation Report & Pres. Preliminary Contest	Evaluation Report & Pres. Preliminary Contest	Evaluation Report & Pres. Preliminary Contest

NOVEMBER

	Monday	Tuesday	Wednesday	Thursday	Friday
	29	30	31	1	2
Week 11 Lec.	No Lecture		No Lecture		
Studio	Preliminary Report Qualifying Contest	Preliminary Report Qualifying Contest	Preliminary Report Qualifying Contest	Preliminary Report Qualifying Contest	Preliminary Report Qualifying Contest
	5	6	7	8	9
Week 12 Lec.	The Last Lecture		No Lecture		BIG CONTEST
Studio	Open Studio	Open Studio	Open Studio	Open Studio	5:00pm: Judging 6:15pm: Contest
	12	13	14	15	16
Week 13 Lec.	No Lecture		No Lecture		
Studio	Design Project Final Report and Presentation, and Survey	Design Project Final Report and Presentation, and Survey	Design Project Final Report and Presentation, and Survey	Design Project Final Report and Presentation, and Survey	Design Project Final Report and Presentation, and Survey