AERO 4003 COURSE PLAN Fall 2012

No	Date	Topic	Problem Analysis (Mon and Wed) – shown on Wed	Lect
1	10 Sep	Intro 1/SE 1		JL
2	12 wed	SE 2 (WRR*)	1: Project Overview & organization, team formation, research	JL
3	17 mon	LG		JL
4	19 wed	LG/Actuators	2: Case study selection, System requirements, concept studies	
5	24 mon	Fasteners		
6	26 wed	Bearings	3: Fastener problems, System concepts & selection, Deliverable 1	
7	01 Oct	Gears		
8	03 wed	Gears	4: Bearing problems, Concept selection approach (PVS-NASA),	
	8 mon	No lecture/PA	Thanksgiving Day	
9	10 wed	Gears end	5: Gear problems, Concept selection, preparation of presentations	
10	15 mon	Bus Av		BN
11	17 wed	Hyd 1	6: Gear problems, Deliverable 2: Concept selection presentations	
12	22 mon	LG (M-D)		GA
13	24 wed	Hyd 2	7: Presentation marks, conceptual design, hydraulic problems, case studies work	BN
14	29 mon	ECS		OM
15	31 wed	Hyd 3	8: Case studies presentations/discussion, conceptual design and analysis	
16	05 Nov	Hyd 4		
17	07 wed	Accessory systems	9: FMEA Presentation (TAs), conceptual design and analysis	HIHS
18	12 mon	El 1		
19	14 wed	El 2	10:Hydraulic problems, Deliverable 3: FMEA; conceptual design and analysis	
20	19 mon	Avi 1		JB 1
21	21 wed	Avi 2	11: Design, report planning	JB 2
22	26 mon	El 3/Avi 3		
23	28 wed	SR 111	12: Final report preparation	
24	03 Dec	Weights, costs, END	Last Day of classes	

*: Writing Requirements Right

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