SYST101 2010 Syllabus

Date	Day	Lesson	Lecture
19-Jan	1	Introduction	Lec 1- What is an engineer?
21-Jan	2	Lec 2 - What is a system?	Lec 2 - What is a system?
26-Jan	3	Mechanical Universe	
28-Jan	4	Mech Math	Quiz
2-Feb	5	Goal Definition	Lec 3 - Goal Definition
4-Feb	6	Requirements Definition	Lec 4 - Define Need & Requirements
9-Feb	7	Requirements Definition	WTSI exercise
11-Feb	8	Requirements Definition	WTSI exercise
16-Feb	9	Requirements Definition into CORE	Lec 5 – Using CORE
18-Feb	10	Requirements Definition into CORE	CORE
23-Feb	11		MBSE
25-Feb	12	Decision Analysis	Lec 6 – Decision Analysis
2-Mar	13	Decision Analysis	Lec 7 - CORE modeling
4-Mar	14	Mid-term exam	
9-Mar	Break		
11-Mar	Break		
16-Mar	15	Guest Speaker	TBD
18-Mar	16	WTSI Project	
23-Mar	17	WTSI Project	
25-Mar	18	WTSI Project	
30-Mar	19	WTSI Project	
1-Apr	20	WTSI Project	
6-Apr	21	Verification & Validation	Lec 8 - Verification &Validation
8-Apr	22	Project Mgmt	Lec 9 - Proj Mgmt
13-Apr	23	Project Mgmt	
15-Apr	24	Cansat	Lec 10 - CANSAT
20-Apr	25	Cansat	Lecture on Rockets & Flight
22-Apr	26	Cansat	Data gathering & Analysis
27-Apr	27	Cansat	Data gathering & Analysis
29-Apr	28	Last lecture day	Lec 12 Building Quality into your system
4-May		Final Exam?	