

ME 6404 - Fall 2009

Lecture Schedule Subject to Change

Day	Date	Topic	Items Due
M	8/17	Introduction	
W	8/19	Generation of Basic Commands	
F	8/21	Lab 1	
M	8/24	Response to Basic Commands	
W	8/26	Input Shaping	
F	8/28	Lab 2	Lab 1
M	8/31	Input Shaping - Laplace Domain	
W	9/2	Input Shaping - Robustness	
F	9/4	Lab 2	
M	9/7	Holiday	
W	9/9	Vector Diagrams and Negative Shapers	
F	9/11	Lab 3	Lab 2
M	9/14	Negative Shapers and Multi-Mode Shapers	
W	9/16	On/Off Control	
F	9/18	Lab 3	
M	9/21	On/Off Multi-Mode and Fuel-Efficient Control	
W	9/23	Liapunov Stability	
F	9/25	Lab 4	Lab 3
M	9/28	Model Reference Control	
W	9/30	MRC Cont./ Quiz Review	
F	10/2	Lab 4	
M	10/5	Holiday	
W	10/7	Quiz #1	
F	10/9	Lab 5	Lab 4
M	10/12	Adaptive Control	
W	10/14	Adaptive Input Shaping	
F	10/16	Lab 5	
M	10/19	Adaptive Control	
W	10/21	Quadratic Optimal Control	
F	10/23	Final Group Project	Lab 5
M	10/26	Quadratic Optimal Control	
W	10/28	Student Project Proposals/Model Inversion	
F	10/30	Final Group Project	
M	11/2	Zero Phase Error Tracking	
W	11/4	S-Plane Analysis/ Repetitive Control	
F	11/6	Final Group Project	
M	11/9	Repetitive Control	
W	11/11	Review for Quiz #2	
F	11/13	Final Group Project	
M	11/16	No Lecture	
W	11/18	Quiz #2	
F	11/20	Final Group Project	
M	11/23	No Lecture	
W	11/25	No Lecture	
F	11/27	Holiday	
M	11/30	No Lecture	
W	12/2	Final Project Presentations	Final Project