

AEM 368

Spring 2017

Schedule (as of 21 Mar 2017)

Week	Month	#	Date												
1	Jan	1	1/11/2017		Nomenclature & Coordinate Systems, Aero Application, Atmosphere, Wing Geome										
2			1/16/2017	MLK Day											
		2	1/18/2017		Fluid Dynamics, Propulsion, Airspeed, Wind										
3		3	1/23/2017		Level Flight,										
		4	1/25/2017		Climb and Dive										
4		5	1/30/2017		Min Drag, Range and Endurance										
	Feb	6	2/1/2017		Accelerated Flight, Turns, V-n diagrams										
5		7	2/6/2017		Takeoff Landing VTOL/STOI										
		8	2/8/2017		Mission Simulator	John Boyd "Energy Management Navigation?"									
6		9	2/13/2017		Long' Static Stability, Tail contribution, Tail Volume										
		10	2/15/2017		Neutral Point, Fuselage Nacelle Interaction										
7		11	2/20/2017	EXAM 1											
		12	2/22/2017		Long' Control, Elevator Sizing										
8		13	2/27/2017		Acutation, Stick Forces, Trim Tabs, Speed stability										
		14	3/1/2017		Flight Control Systems, Flight Tests (NP)										
9		15	3/6/2017		Lateral Static Stability, Tail Lateral, Rudder Lock										
		16	3/8/2017		Static Roll, Aileron										
10			3/13/2017	SPRING BREAK											
			3/15/2017	SPRING BREAK											
11		17	3/20/2017	Cancelled											
		18	3/22/2017		Newtonian Mechanics, Dynamics of a system of particles										
12		19	3/27/2017		Rigid Body Dynamics, Rotational, Inertial Matrix										
		20	3/29/2017	EXAM 2											
13		21	4/3/2017		Position and Orientation										
		22	4/5/2017		Aircraft Dynamics, Small dist' theory,										
			4/7/2017	Project 1											
14		23	4/10/2017		Stability Derivatives										
		24	4/12/2017		Stick Fixed Long', Phugoid, Short Period										
15		25	4/17/2017		Stick Fixed Lateral, Spiral, Dutch Roll										
		26	4/19/2017		Handling Qualities, Cooper Harper										
16		27	4/24/2017		Project										
		28	4/26/2017		Review										
	Final		May 2nd 11:30-2:00pm												