

AEM 368

Spring 2017

Schedule (as of 11th Jan 2017)

Week	Month	#	Date															
1	Jan	1	1/11/2017		Nomenclature & Coordinate Systems, Aero Application, Atmosphere, Wing Geometry													
2			1/16/2017	MLK Day														
		2	1/18/2017		Fluid Dynamics, Propulsion, Airspeed, Wind													
3		3	1/23/2017		Level Flight, Climb and Dive													
		4	1/25/2017		Min Drag, Range and Endurance													
4		5	1/30/2017		Accelerated Flight, Turns, V-n diagrams													
	Feb	6	2/1/2017		Takeoff Landing	John Boyd "Energy Management"												
5		7	2/6/2017		Mission Simulator													
		8	2/8/2017	EXAM 1														
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		Long' Control, Elevator Sizing													
		12	2/22/2017		Acutation, Stick Forces, Trim Tabs, Speed stability													
8		13	2/27/2017		Flight Control Systems, Flight Tests (NP)													
		14	3/1/2017		Lateral Static Stability, Tail Lateral, Rudder Lock													
9		15	3/6/2017		Static Roll, Aileron													
		16	3/8/2017		Buffer													
10			3/13/2017	SPRING BREAK														
			3/15/2017	SPRING BREAK														
11		17	3/20/2017		Newtonian Mechanics, Dynamics of a system of particles	Navigation?												
		18	3/22/2017	EXAM 2														
12		19	3/27/2017		Rigid Body Dynamics, Rotational, Inertial Matrix													
		20	3/29/2017	Last day to drop														
13		21	4/3/2017		Position and Orientation													
		22	4/5/2017		Aircraft Dynamics, Small dist' theory,													
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															