

**Projected Teaching Schedule**  
**Revised 2/7/07**

- X=** Offered
- TVG=** TV course
- C=** Canceled

**Undergraduate Courses (Aero)**

AE	Title	2007			2008			2009		
		Sprg	Sum	Fall	Sprg	Sum	Fall	Sprg	Sum	Fall
403/503	Flight Mechanics	X			X			X		
406/506	Flight Vehicle Aerodynamics			TVG			X			X
417/517	Propulsion Systems			X						X
420/520	Aerospace Structures				X					
438/638	Applied Analog and Digital Control	X			X			X		
440/540	Introduction to Space Systems Engineering	TVG					X			

**Undergraduate Courses (Motorsports)**

AE	Title	2007			2008			2009		
		Sprng	Sumr	Fall	Sprng	Sumr	Fall	Sprng	Sumr	Fall
407/507	Ground Vehicle Aerodynamics	X			X			X		
477/577	High Performance Piston Engines	X		X			X			X
457/557	Race Car Vehicle Dynamics	X			X			X		
467/567	Race Car Performance	X		X			X			X

**Core Graduate Courses**

AE	Title	2007			2008			2009		
		Sprng	Sumr	Fall	Sprng	Sumr	Fall	Sprng	Sumr	Fall
601	Introduction to Continuum Mechanics			X			X			X
605	Applied Engineering Analysis	X			X			X		
606	Real-Time Signals and Systems			X			X			X



<b>Dynamics and Controls Graduate Courses</b>		2007			2008			2009		
AE	Title	Sprng	Sumr	Fall	Sprng	Sumr	Fall	Sprng	Sumr	Fall
604	Analytical Dynamics of Aerospace Vehicles			X			X			X
638	Applied Analog and Digital Control	X			X			X		
650	Modern Control Theory			X			X			
660	Aerospace Vehicle Performance									
662	Flight Control Actuators and Sensors									
750/850	Robot Analysis and Control									
760/860	Atmospheric Flight Dynamics and Control			X						
761/861	Space Flight Dynamics and Control	X								X
763/863	Advanced Control Methodologies				X					
<b>Generic Graduate Courses</b>		2007			2008			2009		
AE	Title	Sprng	Sumr	Fall	Sprng	Sumr	Fall	Sprng	Sumr	Fall
472/572	Statistical Foundations for Experimenters			X			X			X
672	Design of Experiments	X			X			X		
684	Virtual and Synthetic Environments	C		TVG						
772/872	Response Surface Methodology			X			X			X
780/880	Perturbation Methods in Aerospace Engineering							X		
783/883	Aeroacoustics									
784/884	<i>Multidisciplinary Design Optimization</i>									
785/885	Magnetic Suspension Technology									
795/895	Topics - National Air Space System			X						