

GR CLASSES - 5 YEAR SCHEDULE*		F09	S10	F10	S11	F11	S12	F12	S13	F13	S14
501	Advanced Eng Thermodynamics		X		X		X		X		X
504	Fluid Dynamics Of Combustion I	X		X		X		X		X	
505	Heat Transfer Theory and Applications	X		X		X		X		X	
511	Adv Dyn with Appl to Aero Systems	X		X		X		X		X	
513	Principles of Structural Vibration	X		X		X		X		X	
518	Acoustic Radiation I		X		X		X		X		X
521	Lin Control and Des for MIMO Systems	X		X		X		X		X	
522	Non-Lin System Analysis and Control		X				X				
525	Adv Flight Vehicle Stability and Control			X				X		X	
528	Experimental Flight Testing	X				X	X				
533	Finite Element Analysis I	X		X		X		X		X	
534	Mechatronics Design		X		X		X		X		X
535	Design of Electromechanical Systems		X		X		X		X		X
537	Mechanics Of Composite Structures		X		X		X		X		X
538	Smart Structures and Materials			X				X			
539	Advanced Materials	X		X		X		X		X	
540	Advanced Air Conditioning Design		X		X		X		X		X
541	Advanced Solid Mechanics I	X		X		X		X		X	
543	Fracture Mechanics		X		X		X		X		X
544	Real Time Robotics		X				X				X
545	Metrology For Precision Manuf		X		X		X		X		X
546	Photonic Sensor Appl in Structure	X				X				X	
550	Foundations Of Fluid Dynamics	X		X		X		X		X	
551	Airfoil Theory	X				X				X	
553	Compressible Fluid Flow	X	X			X	X			X	X
560	Comp Fluid Mech and Heat Transfer	X		X		X		X		X	
561	Wing Theory		X				X				X
562	Physical Gas Dynamics		X		X		X		X		X
573	Hydrodynamic Stability and Transition		X		X		X		X		X

575	Advanced Propulsion Systems				X			X		X
581	Space Flight Orbital Mechanics	X		X		X		X		X
582	Spacecraft Attitude Dyn & Control I	X		X		X		X		X
589A	Industry Energy Systems	X		X		X		X		X
589N	Structural Health Monitoring				X				X	
589Q	Design of Machines for Assembly		X		X		X		X	
589V	Modern Manufacturing Technologies	X		X		X		X		X
589X	Solar Energy		X		X		X		X	
589Z	Design of Machines for Assembly II		X		X		X		X	
589-2	Continuum Thermo-Mechanics	X				X				X
589M	Nanotechnology	X		X		X		X		X
589D	Applied Finite Element				X				X	
589V	Advanced IC Engines				X				X	
589K	Macro-Micro-Nano Fluidics		X		X		X		X	
589-8	Optimization in Engineering Design	X		X		X		X		X
702	Statistical Thermodynamics			X				X		
704	Fluid Dynamics of Combustion II		X				X			X
707	Advanced Conductive Heat Transfer		X				X			X
708	Advanced Convective Heat Transfer		X		X		X		X	
718	Acoustic Radiation II	X		X		X		X		X
721	Robust Control with Convex Methods				X				X	
731	Materials Processing by Deformation		X				X			X
734	Finite Element Analysis II		X		X		X		X	
742	Mech Design for Automated Assembly	X		X		X		X		X
750	Field Theory for Engineers (NYA)		X		X		X		X	
766	Computational Fluid Dynamics		X		X		X		X	
782	Spacecraft Attitude Dyn & Control II		X		X		X		X	
783	Spaceflight Guidance & Navigation		X		X		X		X	

*SUBJECT TO CHANGE WITHOUT NOTICE (6-19-09)

NYA = NOT YET APPROVED