

## ME and NE Graduate Course Rotation Schedule

Fall – Odd Year	Spring – Even Year	Fall – Even Year	Spring – Odd Year
<b><i>General</i></b>			
ME 760 Engg Analysis I	ME 777 Monte Carlo Methods	ME 760 Engg Analysis I	ME 800 Grad Seminar/Paper
ME 800 Grad Seminar/Paper	ME 800 Grad Seminar/Paper	ME 800 Grad Seminar/Paper	ME 860 Engg Analysis II
	ME 860 Engg Analysis II		
<b>(1-700, 1-800)</b>	<b>(1-700, 2-800)</b>	<b>(1-700, 1-800)</b>	<b>(2-800)</b>
<b><i>Thermal/Fluid Systems</i></b>			
ME 628 Aerodynamic	ME 622 Env Eng I	ME 620 IC Engines	ME 622 Env Eng I
ME 620 IC Engines	ME 631 Air/Miss Prop	ME 628 Aerodynamics	ME 631 Air/Miss Prop
ME 633 TMPC	ME 773 Int Heat Transfer	ME 633 TMPC	ME 773 Int Heat Transfer
ME 720 Int Fluids	ME 811 Thermo Analysis	ME 720 Int Fluids	ME 942 Conv Heat Transfer
ME 721 Therm Systems Design		ME 721 Therm Systems Design	ME 921 Therm Sys Analysis
ME 722 Human Thermal Engg.		ME 831 Boundary Layer	
ME 935 Heat Cond. in Solids		ME 943 Rad Heat Transfer	
ME 947 Boil Heat Transfer			
<b>(3-600, 3-700, 2-900)</b>	<b>(2-600, 1-700, 1-800)</b>	<b>(3-600, 2-700, 1-800, 1-900)</b>	<b>(2-600, 1-700, 2-900)</b>
<b><i>Dynamic Systems and Controls</i></b>			
ME 640 Con of Mech Sys II	ME 615 Apps in Mechatronics	ME 640 Con of Mech Sys II	ME 615 Apps in Mechatronics
	ME 728 Comp Control of E-M Sys		ME 635 Dyn of Flight-Stability
	ME 730 Control Sys Analysis		ME 728 Comp Control of E-M Sys
			ME 730 Control Sys Analysis
<b>(1-600)</b>	<b>(1-600, 2-700)</b>	<b>(1-600)</b>	<b>(2-600, 2-700)</b>
<b><i>Mechanics, Materials, and Design</i></b>			
ME 610 FE-FD	ME 656 Vibrations I	ME 610 FE-FD	ME 656 Vibrations I
ME 651 Intro to Composites	ME 716 Intermediate Dynamics	ME 651 Intro to Composites	ME 716 Intermediate Dynamics
ME 701 Dev of Comp Apps in ME	ME 862 Finite Elements	ME 701 Dev of Comp Apps in ME	ME 862 Finite Elements
ME 836 Fracture Mechanics	ME 910 Comp Methods in Design	ME 738 Exp Stress Analysis	ME 871 Mech of Composite
ME 846 Vibrations of Cont Media	ME 902 Theory of Plasticity	ME 802 Adv Mech. of Mat/Elast	
<b>(2-600, 1-700, 2-800)</b>	<b>(1-600, 1-700, 1-800, 2-900)</b>	<b>(2-600, 2-700, 1-800)</b>	<b>(1-600, 1-700, 2-800)</b>

<b>Fall – Odd Year</b>	<b>Spring – Even Year</b>	<b>Fall – Even Year</b>	<b>Spring – Odd Year</b>
<b><i>Nuclear Engineering</i></b>			
NE 630 Nuclear Reactor Theory	NE 612 Princ of Radiation Detection	NE 630 Nuclear Reactor Theory	NE 612 Princ of Radiation Detection
NE 690 Rad Protection and Shielding	NE 635 Gen IV Reactor Design	NE 690 Rad Protection and Shielding	NE 635 Gen IV Reactor Design
NE 761 Radiation Measurement	NE 648 Nuclear Reactor Lab	NE 806 Neutronics	NE 648 Nuclear Reactor Lab
NE 806 Neutronics	NE 690 Rad Protection and Shielding		NE 737 Int Rad Meas Apps
<b>(1-600, 1-800)</b>	<b>(4-600)</b>	<b>(1-600, 1-800)</b>	<b>(4-600, 2-700)</b>
<b>(7-600, 5-700, 4-800, 2-900) 18 total</b>	<b>(8-600, 5-700, 4-800, 2-900) 19 total</b>	<b>(7-600, 5-700, 3-800, 2-900) 17 total</b>	<b>(9-600, 6-700, 4-800, 2-900) 21 total</b>

**Note:** “Topics” and “Problems” courses are not listed above; these courses are offered “On Demand”.

**Note:** NE 851 Nuclear Engineering Lab is offered “On Demand”.

**Note:** Fall “Even” Year = Fall of an “Even” calendar year; Spring “Even” Year = Spring of an “Even” calendar year, etc.