

ME AND NE GRADUATE COURSE ROTATION SCHEDULE

Typically Fall – Odd Year	Typically Spring – Even Year	Typically Fall – Even Year	Typically Spring – Odd Year
GENERAL			
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
THERMAL/FLUID SYSTEMS			
ME 620 IC Engines	ME 622 Indoor Env Eng I	ME 620 IC Engines	ME 622 Indoor Env Eng I
ME 628 Aerodynamics I	ME 631 Aircraft Propulsion	ME 628 Aerodynamics	ME 631 Aircraft Propulsion
ME 720 Int. Fluids	ME 773 Int Heat Transfer	ME 720 Int. Fluids	ME 773 Int Heat Transfer
ME 721 Therm. Systems Design	ME 824 Computational Fluid Dynamics	ME 721 Therm. Systems Design	ME 824 Computational Fluid Dynamics
ME 722 Human Thermal Engg.	ME 811 Thermo Analysis	ME 831 Boundary Layer	ME 921 Therm Sys Analysis
ME 947 Boiling Heat Transfer	ME 935 Heat Cond. in Solids	ME 943 Rad Heat Transfer	ME 942 Conv Heat Transfer
DYNAMIC SYSTEMS AND CONTROLS			
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 728 Comp Control of E-M Sys
	ME 730 Control Sys Analysis and Design		ME 730 Control Sys Analysis and Design
MECHANICS, MATERIALS, AND DESIGN			
ME 610 Finite Element Applications	ME 610 Finite Element Applications	ME 610 Finite Element Applications	ME 610 Finite Element Applications
ME 651 Intro to Composites	ME 656 Vibrations	ME 651 Intro to Composites	ME 656 Vibrations
ME 701 Dev. of Comp. Apps in ME	ME 716 Intermed Dynamics	ME 701 Dev. of Comp. Apps in ME	ME 716 Intermed Dynamics
ME 836 Introduction to Fracture Mechanics	ME 862 Finite Elements	ME 738 Experimental Stress Analysis	ME 862 Finite Elements
ME 846 Vibrations of Continuous Media	ME 902 Theory of Plasticity	ME 802 Advanced Mechanics of Materials and Applied Elasticity	ME 871 Mechanics of Composite Materials
NUCLEAR ENGINEERING			
NE 630 Nuc Reactor Theory	NE 612 Princ. Of Radiation Det	NE 630 Nuc Reactor Theory	NE 612 Principles Of Radiation Det
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 Systems	NE 640 - Nuclear Reactor Thermalhydraulics		NE 640 - Nuclear Reactor Thermalhydraulics
NE 806 Neutronics	NE 648 Nuclear Reactor Lab	NE 806 Neutronics	NE 648 Nuclear Reactor Lab
	NE 691 Principles of Radiation and Human Health		NE 737 Int Rad Meas Apps

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Note: Course offerings can vary by semester. For a current course listing, please see the K-State Course Schedule at

<https://www.k-state.edu/academics/courses/schedules.html>

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

Note: NE 851, Nuclear Engineering Lab offered 'On Demand'

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