

# ME COURSE CORRESPONDENCE LIST

700-900 level

Note: **MS** = Materials Science and **SE** = Systems Engineering

<u>OLD Course #</u>	<u>NEW Course #</u>	<u>COURSE TITLE</u>
AM/MN 700	<b>ME 700</b>	Advanced Topics Mech
AM 702	<b>ME 702</b>	Computational Fluid Dynamics
AM 706	<b>ME 706</b>	Acoustics and Aerodynamics
AM 707	<b>ME 707</b>	Finite Element Analysis
AM 708	<b>ME 715</b>	Waves in Fluids
AM 709	<b>ME 709</b>	Turbulent Flows
AM 711	<b>ME 711</b>	Multiscale Methods in Computational Mechanics
AM 713	<b>ME 713</b>	Viscous Flow
AM 718	<b>ME 718</b>	Advanced Topics in Nanotechnology
AM 720	<b>ME 720</b>	Acoustics II
AM 723	<b>ME 723</b>	Waves in Random Media
AM 724	<b>ME 729</b>	Non-Linear Acoustics and Sonic Booms
AM 725	<b>ME 721</b>	Acoustic Bubble Dynamics
AM 726	<b>ME 728</b>	Special Topics in Wave Propagation
AM 736	<b>ME 736</b>	Biomedical Transport Phenomena
AM/MN 740	<b>ME/SE 740</b>	Vision, Robotics and Planning
AM 741	<b>ME 741</b>	Fluid-Structure Interaction
AM 742	<b>ME 742</b>	Bio-Fluids and Structural Mechanics
AM 760	<b>ME 760</b>	Active Control of Sound Vibration
AM 761	<b>ME 761</b>	Experimental Modal Analysis and System Identification
AM 762	<b>ME/SE 762</b>	Non-Linear Control of Mechanical Systems
AM 764	<b>ME 701</b>	Optimal and Robust Control
AM 780	<b>ME 780</b>	Perturbation Methods in Mechanics
AM/MN 850	<b>ME850</b>	Graduate Teaching Seminar
AM/MN 900	<b>ME 900</b>	Research
AM/MN 901	<b>ME 901</b>	Thesis
AM/MN 939	<b>ME 939</b>	Continuing Study
AM/MN 951	<b>ME 951</b>	Independent Study
AM/MN 991	<b>ME 991</b>	Dissertation
MN 703	<b>ME 703</b>	Managerial Cost Accounting
MN 709	<b>ME 719</b>	Computational Problem Solving
EC/MN 710	<b>EC/ME/SE 710</b>	Dynamic Programming and Stochastic Control
MN 714	<b>ME/SE 714</b>	Advanced Stochastic Modeling and Stimulation
EC/MN 724	<b>EC/ME/SE 724</b>	Advanced Optimization Theory and Methods
EC/MN 725	<b>EC/ME/SE 725</b>	Queueing Systems
BE/MN 726	<b>BE/ME 726</b>	Biomaterials and Tissue Engineering I
BE/MN 727	<b>BE/ME 727</b>	Biomaterials and Tissue Engineering II
MN 732	<b>ME/SE 732</b>	Combinatorial Optimization and Graph Algorithms
EC/MN 733	<b>EC/ME/SE 733</b>	Discrete Event and Hybrid Systems
MN 755	<b>ME/SE 755</b>	Communication Networks
MN 765	<b>ME/SE 765</b>	Production System Design
MN 766	<b>ME/SE 766</b>	Advanced Scheduling Models and Methods
MN 777	<b>ME 778</b>	Micromachined Transducers
MN 785	<b>ME 785</b>	Computer-Integrated Manufacturing
MN 925	<b>ME 925</b>	Graduate Project