ME COURSE CORRESPNDENCE LIST

100-500 level

Note: **MS** = Materials Science and **SE** = Systems Engineering (Graduate Students only)

OLD Course #	NEW Course #	COURSE TITLE
AM 201	**ME 201**	Introduction to Aircraft Performance
AM 202	**ME 202**	Introduction to Spacecraft Performance
AM 307	**ME 307**	Flight Structures
AM 308	**ME 309**	Structural Mechanics
AM 310	**ME 310**	Instrumentation and Theory of Experiments
AM 311	**ME 311**	Engineering Design Using CAD
AM 312	**ME 312**	Fundamentals of Engineering Design
AM 400	**ME 400**	Engineering Mathematics
AM 403	**ME 403**	Atmospherics Flight Mechanics and Control
AM 404	**ME 404**	Dynamics and Control of Mechanical Systems
AM 405	**ME 405**	Aerospace Propulsion
AM 406	**ME 406**	Dynamics of Space Vehicles
AM 409	**ME 409**	Flight Vehicle Design
AM 410	**ME 410**	Flight Vehicle Design II
AM 413	**ME 413**	Machine Design I
AM 414	**ME 414**	Machine Design II
AM 419	**ME 419**	Heat Transfer
AM 420	**ME 421**	Aerodynamics
AM 422	**ME 422**	Fluid Mechanics II
AM 423	**ME 423**	Compressible Aerodynamics
AM 430	**ME 430**	Energy Conversion
AM 441	**ME 441**	Mechanical Vibration
AM 451	**ME 451**	Directed Study in Aerospace Engineering
AM 452	**ME 452**	Directed Study in Mechanical Engineering
AM 456	**ME 456**	Engineering Projects in Aerospace Engineering
AM 457	**ME 457**	Engineering Projects in Mechanical Engineering
AM 500	**ME 500**	Special Topics in Mechanical Engineering
AM 501	**ME/SE 501**	Dynamic System Theory
AM 505	**ME 512**	Engineering Analysis
AM 506	**ME 516**	Statistical Mechanical Concepts in Engineering
AM 513	**ME 513**	Compressible Aerodynamics
AM 515	**ME 515**	Vibration of Complex Mechanical Systems
AM 519	**ME 519**	Theory of Heat Transfer
AM 520	**ME 520**	Acoustics I
AM 521	**ME 521**	Continuum Mechanics for Biomedical Engineers
AM 522	**ME 522**	Underwater Acoustics
AM 524	**ME/MS 524**	Skeletal Tissue Mechanics
AM 530	**ME/MS 530**	Introduction to Micro- and Nano-mechanics of Solids
AM 540	**ME 540**	Advanced Aerodynamics
AM 542	**ME 542**	Advanced Fluid Mechanics
AM 580	**ME/MS 580**	Theory of Elasticity
AM 581	**ME 581**	Experimental Techniques in Solid Mechanics
AM 582	**ME/MS 582**	Mechanical Behavior of Materials
AM/MN 570	**ME 570**	Robot Motion Planning

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OLD Course #	NEW Course #	COURSE TITLE
EK 266	**ME 266**	Manufacturing Operations Management
EK 302	**ME 302**	Engineering Mechanics II
EK 303	**ME 303**	Fluid Mechanics
EK 304	**ME 304**	Energy and Thermodynamics
EK 305	**ME 305**	Mechanics of Materials
EK 306	**ME/MS 306**	Introduction to Materials Science
EK 406	**ME 407**	Computer-Aided Design and Manufacture
MN 308	**ME 308**	Statistics and Quality Engineering
MN 345	**ME 345**	Automated Manufacturing
MN 409	**ME 411**	Operations Research
MN 415	**ME 415**	Product Design
MN 420	**ME 420**	Supply Chain Engineering
MN 465	**ME/MS 465**	Materials Processing
MN 467	**ME 467**	Senior Honors Thesis in Manufacturing Engineering
MN 472	**ME 472**	Computer-Controlled Manufacturing
MN 490	**ME 453**	Directed Study in Manufacturing Engineering
MN 495	**ME 495**	Senior Design Capstone in Manufacturing Engineering
MN 505	**ME 502**	Intellectural Assests:Creation, Protection and Commercialization
MN 507	**ME/MS 507**	Process Modeling and Control
MN 510	**ME 510**	Production Systems Analysis
MN 511	**ME 511**	Manufacturing Information Systems
MN 513	**ME 517**	Product Development
MN 514	**ME 514**	Simulation
MN 518	**ME 518**	Product Quality
MN 523	**MEMS 523**	Mechanics of Biomaterials
MN 526	**ME/MS 526**	Simulation of Physical Processes
MN 527	**ME/MS 527**	Transport Phenomena in Materials Processing
MN 529	**ME 529**	Thermodynamics and Kinetics of Materials and Processes
MN 530	**ME 536**	Materials and Processes in Manufacturing
MN 531	**ME 531**	Phase Transformations
MN 532	**ME/MS 532**	Atomic Structure and Dislocations in Materials
MN 535	**ME/MS 535**	Green Manufacturing
MN 544	**ME 544**	Networking the Physical World
MN 545	**ME/MS 545**	Electrochemistry of Fuel Cells and Batteries
MN 550	**ME 550**	Product Supply Chain Design
MN 555	**ME/MS 555**	MEMS: Fabrication and Materials
MN 560	**ME 560**	Precision Machine Design and Instrumentation
MN 566	**ME 566**	Advanced Engineering Mathematics
MN 568	**ME 568**	Modeling of Pattern Transfer in Microlithography
MN 579	**ME 579**	Microelectric Device Manufacturing
MN 580	**ME 584**	Manufacturing Strategy
MN 582	**ME 586**	Product Development Engineering
MN 583	**ME 583**	Product Management
MN 585	**ME 585**	Interactive Computation for CAS/CAM