

Mechanical Engineering

- [Engr 515: Acoustics](#)
- [Engr 546: Micro/Nanoscale Fabrication](#)
- [Engr 551: Engineering Thermodynamics](#)
- [Engr 553: Heat Transfer](#)
- [Engr 558: Vibration Analysis](#)
- [Engr 559: Elements of Robotics](#)
- [Engr 585: Mechanics of Composite Materials I](#)
- [Engr 590: Finite Element Analysis I](#)
- [Engr 601: Compressible Flow](#)
- [Engr 603: Fluid Mechanics I](#)
- [Engr 604: Fluid Dynamics II](#)
- [Engr 605: Convective Heat and Mass Transfer](#)
- [Engr 606: Numerical Heat Transfer and Fluid Flow](#)
- [Engr 607: Statistical Thermodynamics](#)
- [Engr 608: Physical Gas Dynamics](#)
- [Engr 611: Aeroacoustics](#)
- [Engr 612: Aeroelasticity](#)
- [Engr 613: Exp Method in Aerodynamics/Aeroacoustics](#)
- [Engr 625: Adv. Topics in Computational Mechanics](#)
- [Engr 642: X-Ray Diffraction Analysis](#)
- [Engr 671: Elasticity](#)
- [Engr 672: Viscoelasticity](#)
- [Engr 673: Plasticity](#)
- [Engr 674: Fracture Mechanics](#)
- [Engr 679: Wave Propagation](#)
- [Engr 680: Advanced Acoustics](#)
- [Engr 683: Advanced Physical Metallurgy](#)
- [Engr 684: Advanced Mechanical Metallurgy](#)
- [Engr 685: Mechanics of Composite Materials II](#)
- [Engr 689: Control of Robotics Manipulators](#)
- [Engr 690: Finite Element Analysis II](#)
- [Engr 702: Finite Element Analysis of Fluid Flows](#)
- [Engr 711: Turbulence](#)
- [Engr 712: Statistical Theory Turbulent Diffusion](#)
- [Engr 713: Hydrodynamic Stability](#)
- [Engr 714: Coastal Hydrodynamics](#)
- [Engr 715: Applied Hydro- and Aeromechanics I](#)
- [Engr 716: Applied Hydro- and Aeromechanics II](#)
- [Engr 717: Special Topics in Thermal Science](#)
- [Engr 720: Advanced Turbulence](#)
- [M E 101: Introduction to Mechanical Engineering](#)
- [M E 201: Engineering Graphics Fundamentals](#)
- [M E 324: Introduction to Mechanical Design](#)
- [M E 406: Alternative Energy Systems](#)
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- [M E 417: Projects](#)
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- [M E 419: Energy and Fluids Laboratory](#)
- [M E 426: Kinematics: Analysis and Synthesis](#)
- [M E 428: Dynamics of Machinery](#)
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- [M E 527: Materials Processing](#)
- [M E 529: Aerodynamics](#)



- [M E 530: Physical Metallurgy](#)
- [M E 531: Mechanical Behavior of Engr Materials](#)
- [M E 533: Electronic Properties of Materials](#)
- [M E 534: Properties and Selection of Materials](#)
- [M E 535: Experimental Stress Analysis](#)
- [M E 537: Mechatronic Systems Engineering](#)
- [M E 541: Theory and Use of CAD and Solid Modeling](#)
- [M E 543: Linear Systems and Controls](#)
- [Manf 150: Intro to Engineering / Manufacturing](#)
- [Manf 250: Graphics/Solid Modeling](#)
- [Manf 251: Manufacturing Processes](#)
- [Manf 252: Product Realization Laboratory](#)
- [Manf 253: Strategic Planning](#)
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- [Manf 255: Lean I: Standardized Work & Takt Time](#)
- [Manf 350: Standardized Work/Takt Time](#)
- [Manf 351: Manufacturing Product/Process Design](#)
- [Manf 355: Lean II: Continuous Flow/Layout](#)
- [Manf 450: Practical Problem Solving in Manf](#)
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