

Mechanical Engineering

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- [Engr 523: Engineering Thermal Management](#)
- [Engr 546: Micro/Nanoscale Fabrication](#)
- [Engr 551: Engineering Thermodynamics](#)
- [Engr 554: Computational 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](#)
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- [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](#)
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- [M E 531: Mechanical Behavior of Engr Materials](#)
- [M E 533: Electronic Properties of Materials](#)
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- [M E 535: Experimental Stress Analysis](#)
- [M E 537: Mechatronic Systems Engineering](#)
- [M E 541: Theory and Use of CAD and Solid Modeling](#)
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