

## Academics

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## College of Liberal Arts

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- [Eng 790: The Modernist Colloquium](#)
- [Eng 791: Internship Seminar in College English](#)
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- [Eng 797: Dissertation](#)

## **School of Engineering**

- [Engr 100: Introduction to Engineering](#)
- [Engr 102: Principles of Engineering](#)
- [Engr 196: Special Topics in Engineering Science](#)
- [Engr 197: Special Topics in Engineering Science](#)
- [Engr 207: Graphics I](#)
- [Engr 296: Special Topics in Engineering Science](#)
- [Engr 297: Special Topics in Engineering Science](#)
- [Engr 307: Technical Communications](#)
- [Engr 309: Statics](#)
- [Engr 310: Engineering Analysis I](#)
- [Engr 311: Intermediate Mechanics](#)
- [Engr 312: Mechanics of Materials](#)
- [Engr 313: Introduction to Materials Science](#)
- [Engr 314: Materials Science Laboratory](#)
- [Engr 321: Thermodynamics](#)
- [Engr 322: Transport Phenomena](#)



- [Engr 323: Fluid Mechanics](#)
- [Engr 330: Engineering Systems Analysis and Design](#)
- [Engr 340: Engineering Geology](#)
- [Engr 351: Socio-Technology I](#)
- [Engr 352: Socio-Technology II](#)
- [Engr 360: Electric Circuit Theory](#)
- [Engr 361: Electric Circuit Laboratory](#)
- [Engr 363: Introductory Electric Circuit Laboratory](#)
- [Engr 390: Professional Communication for Engineers](#)
- [Engr 396: Special Topics in Engineering Science](#)
- [Engr 397: Special Topics in Engineering Science](#)
- [Engr 400: Leadership & Professionalism in Engineer](#)
- [Engr 402: Engineering Fundamentals](#)
- [Engr 407: Legal and Moral Aspects of Engineering](#)
- [Engr 410: Engineering Analysis II](#)
- [Engr 415: Engineering Acoustics I](#)
- [Engr 420: Engineering Analysis III](#)
- [Engr 450: Product Design and Development](#)
- [Engr 453: Prob and Stat Analyses in Engr Design](#)
- [Engr 496: Special Topics in Engineering Science](#)
- [Engr 497: Special Topics in Engineering Science](#)
- [Engr 501: Fundamentals of Computer Science](#)
- [Engr 502: Software Systems](#)
- [Engr 515: Acoustics](#)

### **Chemical Engineering**

- [Engr 540: Environmental Organic Transport Phenomen](#)

### **Civil Engineering**

- [Engr 541: Foundations of Nano Engineering and Sci](#)

### **Chemical Engineering**

- [Engr 542: Molecular Modeling of Nano Materials](#)
- [Engr 544: Synth and Fab of Nano Materials](#)
- [Engr 545: Polymer Nanocomposites](#)

### **Mechanical Engineering**

- [Engr 546: Micro/Nanoscale Fabrication](#)

### **Civil Engineering**

- [Engr 547: Characterization MethodsforNanomaterials](#)

### **School of Engineering**

- [Engr 551: Engineering Thermodynamics](#)
- [Engr 553: Heat Transfer](#)

### **Mechanical Engineering**

- [Engr 554: Computational Heat Transfer](#)

### **School of Engineering**

- [Engr 555: Field Testing & Insr. in Geotech. Engr.](#)
- [Engr 558: Vibration Analysis](#)
- [Engr 559: Elements of Robotics](#)
- [Engr 571: Service Learning in Water Treatment](#)
- [Engr 573: Environmental Remediation](#)
- [Engr 577: Geophysics I](#)
- [Engr 579: Geophysics II](#)
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- [Engr 585: Mechanics of Composite Materials I](#)
- [Engr 590: Finite Element Analysis I](#)
- [Engr 591: Engineering Analysis I](#)
- [Engr 592: Engineering Analysis II](#)



- [Engr 593: Approximate Methods of Engr Analysis I](#)
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- [Engr 596: Special Projects in Engineering Science](#)
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- [Engr 602: Lithostratigraphy](#)
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- [Engr 605: Convective Heat and Mass Transfer](#)
- [Engr 606: Numerical Heat Transfer and Fluid Flow](#)
- [Engr 607: Statistical Thermodynamics](#)
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- [Engr 616: Isotope Hydrogeology](#)
- [Engr 617: Continuum Mechanics](#)
- [Engr 618: Vadose Zone Hydrology](#)
- [Engr 620: Advanced Remote Sensing](#)
- [Engr 622: Advanced Electromagnetic Theory](#)
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- [Engr 625: Adv. Topics in Computational Mechanics](#)
- [Engr 626: Numerical Methods in Electromagnetics](#)
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- [Engr 629: Televisions Systems II](#)
- [Engr 633: Process Dynamics and Control I](#)
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- [Engr 636: Groundwater Mechanics](#)
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- [Engr 664: Theory of Concurrent Programming](#)
- [Engr 665: Thermodynamics of Chemical Systems](#)
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