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- [Engr 616: Isotope Hydrogeology](#)
- [Engr 617: Continuum Mechanics](#)
- [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](#)
- [Engr 627: Ray Methods in Electromagnetics](#)
- [Engr 629: Televisions Systems II](#)
- [Engr 630: Unit Process & Oper in Env Eng I](#)
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- [Engr 633: Process Dynamics and Control I](#)
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- [Engr 663: Advanced Rate and Equilibrium Processes](#)
- [Engr 664: Theory of Concurrent Programming](#)
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- [Engr 666: Fault Tolerant Computing](#)
- [Engr 667: Mass Transfer I](#)
- [Engr 669: Chemical Reaction and Reactor Analysis I](#)
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- [Engr 679: Wave Propagation](#)
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- [Engr 688: Current Issues in Telecommunications](#)
- [Engr 689: Control of Robotics Manipulators](#)





- [Engr 690: Finite Element Analysis II](#)
- [Engr 691: Special Topics in Engineering Science I](#)
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- [Engr 706: Adv Waste Treat Proc in Sanitary Eng](#)
- [Engr 711: Turbulence](#)
- [Engr 712: Statistical Theory Turbulent Diffusion](#)
- [Engr 713: Hydrodynamic Stability](#)
- [Engr 714: Coastal Hydrodynamics](#)
- [Engr 715: Applied Hydro- and Aeromechanics I](#)
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- [Engr 729: Special Topics in Electromagnetic Theory](#)
- [Engr 749: Special Topics in Soil Science](#)
- [Engr 779: Special Topics in Solid Mechanics](#)
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- [Engs 501: Geospatial Primer](#)
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- [Engs 603: Analysis of Algorithms](#)
- [Engs 606: Computer Networks](#)
- [Engs 610: Telecommunication Network Engineering](#)
- [Engs 611: Geospatial Science Primer](#)
- [Engs 612: Remote Sensing Fundamentals](#)
- [Engs 613: Introduction to Remote Sensing Systems](#)
- [Engs 614: Remote Sensing and Digital Images](#)
- [Engs 620: Geospatial Information Technology](#)
- [Engs 621: Orbital Mechanics](#)
- [Engs 624: Introduction to Digital Image Processing](#)
- [Engs 626: Community Growth](#)
- [Engs 627: Applied Probability Modeling](#)
- [Engs 633: Microwave Filters](#)
- [Engs 671: Digital Topographic Mapping](#)
- [Engs 672: Remote Sensing and the Environment](#)
- [Engs 673: Advanced Digital Image Processing](#)
- [Engs 674: Geospatial Data Synthesis and Modeling](#)
- [Engs 675: Microwave Data](#)
- [Engs 681: Advanced Sensor Systems Data Collection](#)
- [Engs 682: Remote Sensing to Ecological Modeling](#)
- [Engs 683: Land Use and Land Cover Applications](#)
- [Engs 684: Agricultural Applications Remote Sensing](#)
- [Engs 685: Business Geographics](#)
- [G E 681: Applications in Geophysics](#)
- [Manf 150: Intro to Engineering / Manufacturing](#)
- [Manf 250: Graphics/Solid Modeling](#)
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- [Manf 252: Product Realization Laboratory](#)
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Chemical Engineering

- [Ch E 101: Introduction to Chemical Engineering](#)
- [Ch E 103: Introduction to Chemical Engineering I](#)
- [Ch E 104: Introduction to Chemical Engineering II](#)
- [Ch E 251: Programming for Chemical Engineering](#)
- [Ch E 307: Chemical Process Principles I](#)
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- [Ch E 309: Intro to Chemical Engineering Design](#)
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- [Ch E 330: Chemical Eng. R & D Experience](#)
- [Ch E 345: Engineering Economy](#)
- [Ch E 407: Chemical Engineering Projects I](#)
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- [Ch E 411: Chemical Engineering Seminar](#)
- [Ch E 412: Process Control and Safety](#)
- [Ch E 417: Separation Processes](#)
- [Ch E 421: Chemical Engineering Thermodynamics](#)
- [Ch E 423: Chemical Reactor Analysis and Design](#)
- [Ch E 445: Chemical Engineering Lab I](#)
- [Ch E 446: Chemical Engineering Lab II](#)
- [Ch E 451: Plant Design I](#)
- [Ch E 452: Plant Design II](#)
- [Ch E 460: Product Design I: Development, Evaluation](#)
- [Ch E 461: Product Design II: Product Realization](#)
- [Ch E 511: Process Dynamics and Control](#)
- [Ch E 513: Special Topics in Chemical Engineering](#)
- [Ch E 515: Research Seminar](#)
- [Ch E 520: Biochemical Engineering](#)
- [Ch E 530: Coal Utilization and Pollutants Control](#)
- [Ch E 541: Appl of Chemical Instrumentation I](#)
- [Ch E 542: Appl of Chemical Instrumentation II](#)
- [Ch E 543: Introduction to Polymer Science](#)
- [Ch E 545: Colloid and Surface Science](#)
- [Ch E 547: Sufactant Science and Applications](#)
- [Ch E 560: Advanced Transport Phenomena I](#)
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Civil Engineering

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- [C E 102: Introduction to Civil Engineering II](#)
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- [C E 208: Civil Engineering Graphics I](#)
- [C E 305: Civil Engineering Laboratory II](#)
- [C E 310: Introduction to Structural Mechanics](#)





- [C E 311: Structural Analysis](#)
- [C E 315: Civil Engineering Materials](#)
- [C E 325: Intermediate Dynamics](#)
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- [C E 405: Civil Engineering Laboratory III](#)
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- [C E 413: Steel Design](#)
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- [C E 481: Transportation Engineering I](#)
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- [C E 521: Advanced Mechanics of Materials](#)
- [C E 531: Soil Mechanics II](#)
- [C E 541: Flow in Open Channels](#)
- [C E 542: Flow in Porous Media](#)
- [C E 543: Sediment Transport](#)
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- [C E 570: Infrastructure Management](#)
- [C E 572: Stormwater Engineering and Management](#)
- [C E 581: Transportation Engineering II](#)
- [C E 585: Highway Pavements](#)
- [C E 590: Airport Planning and Design](#)

[Computer & Information Science](#)

- [Csci 103: Survey of Computing](#)
- [Csci 111: Computer Science I](#)
- [Csci 112: Computer Science II](#)
- [Csci 191: Office Applications](#)
- [Csci 192: Computing Applications](#)
- [Csci 193: Personal Computer Systems](#)
- [Csci 203: Introduction to Computational Media](#)
- [Csci 211: Computer Science III](#)
- [Csci 223: Computer Org. & Assembly Language](#)
- [Csci 251: Programming for Engineering and Sciences](#)
- [Csci 259: Programming in C++](#)
- [Csci 300: Social Responsibility in Comp. Science](#)
- [Csci 305: Software for Global Use](#)
- [Csci 311: Models of Computation](#)
- [Csci 323: Systems of Programming](#)
- [Csci 333: Digital Design and 3-D Printing](#)
- [Csci 343: Fundamentals of Data Science](#)
- [Csci 345: Information Storage and Retrieval](#)
- [Csci 353: Introduction to Numerical Methods](#)
- [Csci 354: Web Programming](#)
- [Csci 361: Introduction to Computer Networks](#)
- [Csci 387: Software Design and Development](#)
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- [Csci 443: Advanced Data Science](#)
- [Csci 444: Information Visualization](#)
- [Csci 447: Immersive Media](#)
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- [Csci 458: Mobile Application Development](#)
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- [Csci 520: Formal Theory of Computer Languages](#)
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- [Csci 531: Artificial Intelligence](#)
- [Csci 533: Analysis of Algorithms](#)
- [Csci 541: Expert Systems and Logic Programming](#)
- [Csci 543: Data Mining](#)
- [Csci 547: Digital Image Processing](#)
- [Csci 550: Program Semantics and Derivation](#)
- [Csci 551: Computer System Performance Analysis](#)
- [Csci 554: Web Architecture and Programming](#)
- [Csci 555: Functional Programming](#)
- [Csci 556: Multiparadigm Programming](#)
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- [Csci 658: Software Language Engineering](#)
- [Csci 663: Software Families](#)
- [Csci 665: Wireless and Sensor Networks](#)

Electrical Engineering

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- [BME 322: Biomaterials](#)
- [BME 333: Biological Transport](#)
- [BME 444: Biomedical Controls](#)
- [BME 461: Biomedical Engineering Senior Design I](#)
- [BME 462: Biomedical Engineering Senior Design II](#)
- [EI E 100: Introduction to Electrical Engineering](#)
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- [EI E 235: Principles of Digital Systems](#)
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- [EI E 301: Applied Electronics](#)





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- [EI E 314: Biomedical Measurement](#)
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- [EI E 354: PC-Based Instrumentation Laboratory](#)
- [EI E 357: Electrical Engineering Problems I](#)
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- [EI E 367: Computer-Aided Design in Electrical Engr](#)
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- [EI E 414: Biomedical Electronics](#)
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- [EI E 432: Robotics Laboratory](#)
- [EI E 433: High Frequency and Microwave Laboratory](#)
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- [EI E 450: Digital Communications Laboratory](#)
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- [EI E 452: Electric Power Transformer Laboratory](#)
- [EI E 453: Solid State Devices](#)
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- [EI E 462: Sr. Design in Electrical Engineering II](#)
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- [EI E 482: Digital CMOS VLSI Design](#)
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- [EI E 486: Microprocessor Systems Engr Lab](#)
- [EI E 487: Digital Signal Processing Laboratory](#)
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- [EI E 525: Introduction to Antennas](#)
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- [EI E 534: Wireless Mobile Communications](#)
- [EI E 535: Digital Communications](#)
- [EI E 561: Microwave Circuit Design](#)
- [EI E 586: Digital Signal Processing](#)

Geology & Geological Engineering

- [G E 234: Intro. to Geol. Engr. Field Methods](#)
- [G E 301: Geological Eng. Design Field Camp 1](#)
- [G E 305: Geomechanics](#)
- [G E 401: Geological Eng. Design Field Camp 2](#)
- [G E 402: Professionalism in Geological Engr.](#)
- [G E 405: Engineering Geophysics](#)
- [G E 413: Prob. & Stat. Analyses in Eng. Design](#)





- [G E 415: Petroleum Geology](#)
- [G E 420: Subsurface Site Characterization](#)
- [G E 421: Geological Engineering Design](#)
- [G E 430: Geological Field Studies I](#)
- [G E 431: Geological Field Studies II](#)
- [G E 436: Field Camp G E Design](#)
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- [G E 460: Fundamentals of Waste Management](#)
- [G E 470: Intro. to Geographic Information System](#)
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- [G E 507: Regional Geological Engineering](#)
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- [G E 530: Advanced Geomechanics](#)
- [G E 540: Rock Mechanics](#)
- [G E 560: Waste Disposal I](#)
- [G E 561: Design of Waste Repositories](#)
- [G E 577: Geophysics I](#)
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- [G E 635: Advanced Rock Mechanics](#)
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- [Geol 105: Environmental Geology - Resources](#)
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- [Geol 535: Geochemistry](#)
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- [Geol 555: Geology and Geol. Engineering Seminar](#)
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- [Geol 645: Advanced Sedimentation](#)
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- [Geol 647: Sedimentary Petrology](#)
- [Geol 648: Metamorphic Petrology](#)
- [Geol 690: Scientific Writing Seminar](#)
- [Geol 697: Thesis](#)

Mechanical Engineering

- [M E 101: Introduction to Mechanical Engineering](#)
- [M E 201: Engineering Graphics Fundamentals](#)
- [M E 324: Introduction to Mechanical Design](#)
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