

## Academics

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- [Edsp 767: Field Study](#)
- [Edsp 797: Dissertation](#)
- [Educ 110: METP Fellows Class](#)
- [Educ 111: METP Fellows Class](#)
- [Educ 333: Special Topics in Education](#)
- [Educ 523: Group Study of Prob. In School Systems](#)
- [Educ 555: Special Topics in Education](#)
- [Educ 556: Special Topics in Education](#)
- [Educ 557: Special Topics in Education](#)
- [Educ 691: Culturally Sustaining Pedagogy](#)
- [Educ 692: Current Trends & Issues in Diversity Edu](#)
- [Educ 693: Exploring Diversity Through Writing](#)
- [Educ 694: Gender in Education](#)
- [Educ 696: Religious Diversity in Education](#)
- [Edwp 240: Introduction to Health and Physical Educ](#)
- [Edwp 241: Movement Fundamentals/Applied Motor Lear](#)
- [Edwp 340: Music and Movement in Elementary](#)
- [Edwp 341: Wellness Integration at Elementary Level](#)
- [Edwp 342: Methods - Wellness & Physical Activity](#)



- [Edwp 343: Classroom Implementation of Wellness](#)
- [Edwp 344: Physical Literacy: Lifetime Fitness, Exe](#)
- [Edwp 345: Ed Dance, Gymnastics, & Mindful Movement](#)
- [Edwp 346: Teaching Fitness, Outdoor & Adventure Ed](#)
- [Edwp 347: Inclusive Physical Education](#)
- [Edwp 440: Elementary Physical Education Methods](#)
- [Edwp 441: Secondary Physical Education Methods](#)
- [Edwp 442: Coordinated Health and PE Programs CSPAP](#)
- [Edwp 444: Senior Practicum](#)
- [Edwp 445: Assessment & Evaluation in Health and PE](#)
- [Edwp 446: Student Teaching: Ele and Sec Health & PE](#)

## **School of Applied Sciences**

### **Health, Exercise Sci & Recreation Mgmt**

- [EL 100: Wilderness Living Techniques](#)
- [EL 103: Ropes Courses and Climbing Basics](#)
- [EL 105: Self Defense Activities](#)
- [EL 111: Cycling](#)
- [EL 117: Volleyball](#)
- [EL 118: Beginning Fencing](#)
- [EL 119: Archery](#)
- [EL 120: Intro to Lifetime Leisure Activities](#)
- [EL 124: Racquetball](#)
- [EL 129: Body Contouring and Conditioning](#)
- [EL 132: Canoeing](#)
- [EL 133: Backpacking](#)
- [EL 134: Kayaking](#)
- [EL 137: Bowling](#)
- [EL 139: Golf](#)
- [EL 142: Open Water Scuba Diving](#)
- [EL 147: Tennis](#)
- [EL 148: Introduction to Pickleball](#)
- [EL 149: Introduction to Pickleball and Tennis](#)
- [EL 151: Weight Lifting](#)
- [EL 153: Sports Conditioning](#)
- [EL 154: Coaching Soccer](#)
- [EL 155: Walking I](#)
- [EL 156: Jogging](#)
- [EL 158: Low Impact Aerobics](#)
- [EL 159: High Impact Aerobics](#)
- [EL 169: Aqua Exercise](#)
- [EL 170: Beginning Swimming](#)
- [EL 171: Intermediate Swimming](#)
- [EL 172: Advanced Swimming](#)
- [EL 173: Lifeguarding](#)
- [EL 174: Water Safety Instructor](#)
- [EL 175: Lifeguarding Instructor](#)
- [EL 200: Teaching Techniques for Land-Based Adven](#)
- [EL 217: Advanced Volleyball](#)
- [EL 218: Advanced Fencing](#)
- [EL 219: Advanced Archery](#)
- [EL 224: Advanced Racquetball](#)
- [EL 229: Advanced Body Contouring & Conditioning](#)
- [EL 231: Teaching Techniques for Small Craft](#)
- [EL 233: Sports Officiating I](#)
- [EL 234: Sports Officiating II](#)
- [EL 237: Advanced Bowling](#)
- [EL 239: Advanced Golf](#)
- [EL 242: Advanced Open Water Scuba Diving](#)
- [EL 247: Advanced Tennis](#)



- [EL 251: Advanced Weight Lifting](#)
- [EL 253: Advanced Sports Conditioning](#)
- [EL 255: Coaching Tennis](#)
- [EL 269: Advanced Aqua Exercise](#)
- [EL 342: Master Diver](#)
- [EL 352: Coaching Football](#)
- [EL 353: Advanced Sports Conditioning](#)
- [EL 354: Coaching Basketball](#)
- [EL 355: Coaching Baseball-Softball](#)
- [EL 357: Coaching Volleyball](#)
- [EL 359: Coaching Track and Field](#)
- [EL 442: Dive Supervisor](#)
- [EL 453: Advanced Sports Conditioning](#)

## **School of Engineering**

### **Electrical and Computer Engineering**

- [EI E 100: Introduction to Electrical Engineering](#)
- [EI E 235: Principles of Digital Systems](#)
- [EI E 236: Digital Systems Laboratory I](#)
- [EI E 237: Electrical Engineering Tools and Toys](#)
- [EI E 322: Electric Circuit II](#)
- [EI E 331: Signals and Systems](#)
- [EI E 337: Digital Systems Laboratory II](#)
- [EI E 340: Electrical Engineering Analysis I](#)
- [EI E 341: Theory of Fields](#)
- [EI E 351: Electronics Circuits I](#)
- [EI E 352: Electronics Circuits II](#)
- [EI E 353: Electronics Laboratory](#)
- [EI E 357: Electrical Engineering Problems I](#)
- [EI E 367: Computer-Aided Design in Electrical Engr](#)
- [EI E 385: Advanced Digital Systems](#)
- [EI E 386: Advanced Digital Systems Laboratory](#)
- [EI E 391: Probability and Random Signals](#)
- [EI E 415: Telecommunications Laboratory](#)
- [EI E 425: Local Area Networks](#)
- [EI E 431: Theory of Control Systems](#)
- [EI E 432: Robotics Laboratory](#)
- [EI E 433: High Frequency and Microwave Laboratory](#)
- [EI E 441: Electromagnetic Theory I](#)
- [EI E 442: Electromagnetic Theory II](#)
- [EI E 443: Network Analysis and Synthesis](#)
- [EI E 447: Modulation, Noise, and Communications](#)
- [EI E 451: Electrical Energy Conversion](#)
- [EI E 453: Solid State Devices](#)
- [EI E 461: Sr. Design in Electrical Engineering I](#)
- [EI E 462: Sr. Design in Electrical Engineering II](#)
- [EI E 481: Fund. Low Power Dig. VLSI Design](#)
- [EI E 482: Digital CMOS VLSI Design](#)
- [EI E 485: Microprocessor Systems Engineering](#)
- [EI E 486: Microprocessor Systems Engr Lab](#)
- [EI E 487: Digital Signal Processing Laboratory](#)
- [EI E 521: Electrical Engineering Projects I](#)
- [EI E 522: Electrical Engineering Projects II](#)
- [EI E 523: Microwave Engineering](#)
- [EI E 525: Introduction to Antennas](#)
- [EI E 533: Electronic Properties of Materials](#)
- [EI E 534: Wireless Mobile Communications](#)
- [EI E 535: Digital Communications](#)
- [EI E 536: Introduction to Quantum Computing](#)
- [EI E 561: Microwave Circuit Design](#)



- [El E 586: Digital Signal Processing](#)

## **School of Pharmacy**

### **Pharmacy Practice**

- [Emer 591: Emergency Medical Clerkship](#)

## **College of Liberal Arts**

### **English**

- [Eng 103: Appreciation of Literature](#)
- [Eng 199: Introduction to Creative Writing](#)
- [Eng 220: Survey in Literary History](#)
- [Eng 221: Survey of World Literature to 1650](#)
- [Eng 222: Survey of World Literature since 1650](#)
- [Eng 223: Survey of American Lit to the Civil War](#)
- [Eng 224: Survey of American Lit since Civil War](#)
- [Eng 225: Survey of British Lit to 18th Century](#)
- [Eng 226: Survey of Brit Lit since Romantic Period](#)
- [Eng 298: Intro to Form, Craft, and Influence](#)
- [Eng 299: Introduction to Literary Studies](#)
- [Eng 301: Poetry Workshop](#)
- [Eng 302: Fiction Workshop](#)
- [Eng 303: Nonfiction Workshop](#)
- [Eng 304: Screenwriting Workshop](#)
- [Eng 305: Advanced Writing for English Majors](#)
- [Eng 306: History of the English Language](#)
- [Eng 307: Intro to Literary Criticism and Theory](#)
- [Eng 308: Editing, Writing, and Digital Publishing](#)
- [Eng 309: Studies in Genre](#)
- [Eng 310: Introduction to Cinema Studies](#)
- [Eng 311: Studies in Cinema/Media Genres](#)
- [Eng 312: Studies in Cinema/Media History](#)
- [Eng 313: Introduction to World Cinema](#)
- [Eng 314: The Cinematic South](#)
- [Eng 315: Studies in Black Film](#)
- [Eng 316: Introduction to Medieval Studies](#)
- [Eng 317: Chaucer](#)
- [Eng 318: Medieval Romance](#)
- [Eng 319: Medieval Drama](#)
- [Eng 320: The Heroic Age](#)
- [Eng 321: Literature of Medieval Europe](#)
- [Eng 322: Studies in Medieval Literature](#)
- [Eng 324: Shakespeare](#)
- [Eng 326: Renaissance and Early Modern Studies](#)
- [Eng 327: Early Modern Genres and Forms](#)
- [Eng 328: Studies in Early Modern Literature](#)
- [Eng 330: Studies in 18th Century Literature](#)
- [Eng 332: 18th Century Genres and Forms](#)
- [Eng 333: Studies in Early American Literature](#)
- [Eng 334: Early American Genres and Forms](#)
- [Eng 335: Studies in Transatlantic Lit to 1900](#)
- [Eng 337: Studies in Romanticism](#)
- [Eng 338: Studies in Victorian Literature](#)
- [Eng 339: Victorian Genres and Forms](#)
- [Eng 340: Studies in Antebellum American Lit](#)
- [Eng 341: Studies in American Lit 1860-1900](#)
- [Eng 343: Studies in 19th Century Literature](#)
- [Eng 344: 19th Century Genres and Forms](#)
- [Eng 346: Studies in 20th & 21st Cent. British Lit](#)
- [Eng 347: Studies in 20th & 21st Cent. US Lit](#)
- [Eng 348: Transatlantic Lit, 1900-Present](#)



- [Eng 349: Modern/Contemporary Genres](#)
- [Eng 350: Studies in Modernism](#)
- [Eng 352: Studies in Contemporary Literature](#)
- [Eng 354: Survey of Southern Literature](#)
- [Eng 355: Studies in Southern Literature](#)
- [Eng 357: Women in the South](#)
- [Eng 359: Survey of Native American Literature](#)
- [Eng 361: African American Lit Survey to 1920](#)
- [Eng 362: African American Lit Survey Since 1920](#)
- [Eng 363: African American Genres](#)
- [Eng 364: Studies in African American Lit](#)
- [Eng 365: Literature in Prison](#)
- [Eng 366: African American Science Fiction Lit](#)
- [Eng 367: Blues Tradition in American Literature](#)
- [Eng 370: Studies in World Literatures](#)
- [Eng 371: Studies in Anglophone Literature](#)
- [Eng 372: Survey of 20th & 21st c. Irish Lit](#)
- [Eng 373: Studies in 20th & 21st c. Comp Black Lit](#)
- [Eng 374: Survey of Caribbean Literature](#)
- [Eng 375: Survey of 20th and 21st c. African Lit](#)
- [Eng 376: Studies in Asian Literature](#)
- [Eng 377: Studies in National Counter-Canons](#)
- [Eng 378: Studies in Postcolonial Literature](#)
- [Eng 380: Studies in Literary Criticism & Theory](#)
- [Eng 382: Intro to Gender and Sexuality Studies](#)
- [Eng 383: Studies in Gender and Feminism](#)
- [Eng 384: Studies in Gay & Lesbian Lit/Theory](#)
- [Eng 385: Women in Literature](#)
- [Eng 386: Gender on Film](#)
- [Eng 388: Studies in British Environmental Lit](#)
- [Eng 389: Studies in American Environmental Lit](#)
- [Eng 391: Environmental Genres and Forms](#)
- [Eng 392: Directed Research Assistantship I](#)
- [Eng 393: Studies in Popular Culture](#)
- [Eng 394: Internship-Editing, Writing, Publishing](#)
- [Eng 395: Studies in Literature](#)
- [Eng 396: Studies in Diverse Perspectives](#)
- [Eng 397: Studies on Location](#)
- [Eng 398: Studies Abroad](#)
- [Eng 399: Internship](#)
- [Eng 400: Advanced Poetry Workshop](#)
- [Eng 401: Advanced Fiction Workshop](#)
- [Eng 402: Advanced Nonfiction Workshop](#)
- [Eng 403: Advanced Screenwriting Workshop](#)
- [Eng 404: Special Topics in Creative Writing](#)
- [Eng 405: Nature Writing](#)
- [Eng 407: Special Topics in Literary Theory](#)
- [Eng 409: Special Topics in Genre](#)
- [Eng 411: Special Topics Cinema/Media Studies](#)
- [Eng 412: Sp Topics Cinema/Media Theory, History](#)
- [Eng 413: Special Topics in Media/Cultural Studies](#)
- [Eng 414: Special Topics in the Cinematic South](#)
- [Eng 417: Early Middle English](#)
- [Eng 418: Advanced Studies in Chaucer](#)
- [Eng 419: 14th Century English Literature](#)
- [Eng 420: Medieval Lit of the North Atlantic](#)
- [Eng 421: Literature of Medieval Europe](#)
- [Eng 422: Literature of Medieval Piety](#)
- [Eng 423: Special Topics in Medieval Literature](#)



- [Eng 424: Medieval Forms and Genres](#)
- [Eng 426: Seminar on Shakespeare](#)
- [Eng 427: Shakespeare on Film](#)
- [Eng 428: Special Topics Early Modern Literature](#)
- [Eng 431: Special Topics in 18th Century Lit](#)
- [Eng 434: Special Topics Early American Lit](#)
- [Eng 435: Transatlantic Lit to 1900](#)
- [Eng 438: Special Topics in Romanticism](#)
- [Eng 439: Special Topics in Victorian Lit](#)
- [Eng 442: Antebellum American Literature](#)
- [Eng 443: Special Topics American Lit 1860-1900](#)
- [Eng 445: Special Topics in 19th Century Lit](#)
- [Eng 448: Sp Topics 20 & 21st Cent. British Lit](#)
- [Eng 450: Sp Topics 20 & 21st Cent. American Lit](#)
- [Eng 452: Transatlantic Lit 1900 to Present](#)
- [Eng 454: Special Topics in Modernism](#)
- [Eng 457: Special Topics in Contemporary Lit](#)
- [Eng 458: Southern Environmental Literature](#)
- [Eng 460: Faulkner](#)
- [Eng 461: Special Topics in Southern Literature](#)
- [Eng 462: Special Topics in the Global South](#)
- [Eng 465: Special Topics in Native American Lit](#)
- [Eng 468: Major African American Writers](#)
- [Eng 469: Special Topics in African American Lit](#)
- [Eng 472: Seminar in Diverse Perspectives](#)
- [Eng 473: Prison & the Literary Imagination](#)
- [Eng 474: Special Topics in World Literature](#)
- [Eng 476: Special Topics in Anglophone Literature](#)
- [Eng 478: Special Topics in Irish Literature](#)
- [Eng 479: Special Topics Comparative Black Lit](#)
- [Eng 481: Special Topics in Caribbean Literature](#)
- [Eng 483: Special Topics in African Literature](#)
- [Eng 486: Special Topics in Postcolonial Studies](#)
- [Eng 488: Special Topics Gender/Sexuality Studies](#)
- [Eng 489: Power, Knowledge, and Gender](#)
- [Eng 490: Special Topics in Queer Theory](#)
- [Eng 491: Special Topics in Gender and Literature](#)
- [Eng 492: Directed Research Assistantship II](#)
- [Eng 493: Special Topics in Race and Ethnicity](#)
- [Eng 494: Special Topics in Environmental Studies](#)
- [Eng 495: Literature and the Nonhuman](#)
- [Eng 496: Directed Reading](#)
- [Eng 497: English Study Abroad](#)
- [Eng 498: Thesis Workshop](#)
- [Eng 499: Senior Thesis](#)
- [Eng 500: Studies on Location](#)
- [Eng 501: Studies Abroad](#)
- [Eng 502: Directed Reading](#)
- [Eng 506: Old English I](#)
- [Eng 507: Old English II](#)
- [Eng 508: Advanced History of the English Language](#)
- [Eng 513: Old Norse](#)
- [Eng 514: Studies in Faulkner](#)
- [Eng 515: Non Fiction Workshop](#)
- [Eng 516: Fiction Workshop](#)
- [Eng 517: Poetry Workshop](#)
- [Eng 518: Writing Theory](#)
- [Eng 519: Teaching English Grammar](#)
- [Eng 520: Teaching Writing for Thinking](#)



- [Eng 521: Topics for English Teachers](#)
- [Eng 522: Special Topics in English](#)
- [Eng 600: Intro to Graduate Study](#)
- [Eng 615: Fundamentals of Applied Linguistics](#)
- [Eng 617: Teaching First-year Composition](#)
- [Eng 677: Graduate Creative Nonfiction Workshop](#)
- [Eng 678: Graduate Screenwriting Workshop](#)
- [Eng 679: Form, Craft, and Influence: Poetry](#)
- [Eng 680: Graduate Fiction Workshop I](#)
- [Eng 681: Graduate Fiction Workshop II](#)
- [Eng 682: Graduate Poetry Workshop](#)
- [Eng 683: Form, Craft, and Influence: Fiction](#)
- [Eng 684: Directed Reading in Creative Writing](#)
- [Eng 686: Studies in Genre](#)
- [Eng 693: Directed Reading in English Literature](#)
- [Eng 695: Directed Reading in American Literature](#)
- [Eng 696: Directed Research](#)
- [Eng 697: MA Thesis](#)
- [Eng 698: MFA Thesis](#)
- [Eng 703: Studies in Early English Literature](#)
- [Eng 705: Studies in Middle English](#)
- [Eng 706: Studies in Chaucer](#)
- [Eng 710: Studies in Early Modern Literature](#)
- [Eng 711: Studies in Shakespeare](#)
- [Eng 714: Milton](#)
- [Eng 715: British Lit of Restoration 18th Century](#)
- [Eng 717: 18th Century Studies](#)
- [Eng 720: Studies in the Romantic Period](#)
- [Eng 721: Studies in the Victorian Period](#)
- [Eng 725: Studies in Modern British Literature](#)
- [Eng 727: Studies in Modern & Contemporary Lit](#)
- [Eng 730: Textual Studies and History of the Book](#)
- [Eng 731: Studies in Literary Genres](#)
- [Eng 732: Studies in the Lyric](#)
- [Eng 733: Studies in Drama](#)
- [Eng 735: Studies in the Novel](#)
- [Eng 736: Theory and Criticism of Poetry](#)
- [Eng 737: Studies in Film](#)
- [Eng 738: Special Topics in Film Study](#)
- [Eng 740: Studies in Critical Theory](#)
- [Eng 741: Cultural Studies](#)
- [Eng 742: Studies in Gender](#)
- [Eng 743: Studies in Literature & the Environment](#)
- [Eng 745: Studies in World Literature](#)
- [Eng 746: Postcolonial Lit, Culture, and Criticism](#)
- [Eng 747: Studies in African and African Diasporic](#)
- [Eng 760: Studies in Early American Literature](#)
- [Eng 762: Studies in 19th Century American Lit](#)
- [Eng 763: Studies in Modern American Lit](#)
- [Eng 765: Modern American Drama](#)
- [Eng 766: Studies in Contemporary American Literature](#)
- [Eng 767: Studies in Major American Writers](#)
- [Eng 768: Studies in the American Novel](#)
- [Eng 770: Studies in Faulkner](#)
- [Eng 775: Studies in American Literary Regionalism](#)
- [Eng 776: Studies in Southern Literature](#)
- [Eng 781: Studies in Composition and Rhetoric](#)
- [Eng 782: Research in Composition](#)
- [Eng 790: The Modernist Colloquium](#)





- [Eng 791: Internship Seminar in College English](#)
- [Eng 796: Doctoral Essay](#)
- [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 Methods for Nanomaterials](#)

**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 & Instr. 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](#)
- [Engr 582: Interdisciplinary Field Projects](#)
- [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](#)
- [Engr 594: Approximate Methods of Engr Analysis II](#)
- [Engr 596: Special Projects in Engineering Science](#)
- [Engr 597: Special Projects in Engineering Science](#)
- [Engr 598: Special Projects in Engineering Science](#)
- [Engr 600: Advanced Geochemistry](#)
- [Engr 601: Compressible Flow](#)
- [Engr 602: Lithostratigraphy](#)
- [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 609: Time Series Analysis](#)
- [Engr 610: Data Communications Protocols](#)
- [Engr 611: Aeroacoustics](#)
- [Engr 612: Aeroelasticity](#)
- [Engr 613: Exp Method in Aerodynamics/Aeroacoustics](#)
- [Engr 614: Geometrics](#)
- [Engr 615: Analytical Petroleum Geology](#)
- [Engr 616: Isotope Hydrogeology](#)
- [Engr 617: Continuum Mechanics](#)
- [Engr 618: Vadose Zone Hydrology](#)
- [Engr 620: Advanced Remote Sensing](#)
- [Engr 622: Advanced Electromagnetic Theory](#)
- [Engr 624: Active Microwave Circuits](#)
- [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 633: Process Dynamics and Control I](#)
- [Engr 635: Optimization](#)
- [Engr 636: Groundwater Mechanics](#)
- [Engr 637: Groundwater Modeling](#)
- [Engr 641: Clay Petrology](#)
- [Engr 642: X-Ray Diffraction Analysis](#)



- [Engr 643: Advanced Geomorphology](#)
- [Engr 644: Carbonate Petrology](#)
- [Engr 645: Contaminant Transport](#)
- [Engr 646: Advanced Stratigraphy](#)
- [Engr 648: Numerical Modeling in Geoscience & Engr](#)
- [Engr 649: Advanced Foundation Engineering](#)
- [Engr 650: Radar Remote Sensing](#)
- [Engr 652: Advanced Compiler Design](#)
- [Engr 653: Computer Structures](#)
- [Engr 654: Information Systems Principles](#)
- [Engr 656: Operating Systems Design Concepts](#)
- [Engr 657: Timesharing Computer Systems](#)
- [Engr 659: Advanced Information Retrieval](#)
- [Engr 660: Software Engineering II](#)
- [Engr 661: Computer Networks II](#)
- [Engr 662: Advanced Artificial Intelligence](#)
- [Engr 663: Advanced Rate and Equilibrium Processes](#)
- [Engr 664: Theory of Concurrent Programming](#)
- [Engr 665: Thermodynamics of Chemical Systems](#)
- [Engr 666: Fault Tolerant Computing](#)
- [Engr 667: Mass Transfer I](#)
- [Engr 669: Chemical Reaction and Reactor Analysis I](#)
- [Engr 670: Chemical Reaction & Reactor Analysis II](#)
- [Engr 671: Elasticity](#)
- [Engr 672: Viscoelasticity](#)
- [Engr 673: Plasticity](#)
- [Engr 674: Fracture Mechanics](#)
- [Engr 677: Plates and Shells](#)
- [Engr 678: Elasticstability](#)
- [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 686: Multimedia Technologies II](#)
- [Engr 687: Special Functions for Applications](#)
- [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](#)
- [Engr 692: Special Topics in Engineering Science II](#)
- [Engr 693: Research Topics in Engineering Science I](#)
- [Engr 694: Research Topics in Eng. Science II](#)
- [Engr 695: Seminar](#)
- [Engr 696: Seminar in Environmental Engineering](#)
- [Engr 697: Thesis](#)
- [Engr 699: Special Topics in Engineering Science](#)
- [Engr 702: Finite Element Analysis of Fluid Flows](#)
- [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](#)
- [Engr 716: Applied Hydro- and Aeromechanics II](#)
- [Engr 717: Special Topics in Thermal Science](#)
- [Engr 718: Coding for Error Code](#)
- [Engr 719: Advanced Microwave Measurements](#)
- [Engr 720: Advanced Turbulence](#)



- [Engr 721: Advanced Electrodynamics](#)
- [Engr 723: Passive Microwave Circuits](#)
- [Engr 725: Antennas](#)
- [Engr 728: Adv Numerical Methods in Electromagnetic](#)
- [Engr 729: Special Topics in Electromagnetic Theory](#)
- [Engr 749: Special Topics in Soil Science](#)
- [Engr 779: Special Topics in Solid Mechanics](#)
- [Engr 797: Dissertation](#)
- [Engs 501: Geospatial Primer](#)
- [Engs 504: Remote Sensing Fundamentals](#)
- [Engs 523: Sensors and Platforms](#)
- [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](#)

## **School of Business Administration Management**

- [Ent 101: Social Entrepreneurship](#)
- [Ent 321: Entrepreneurial Pitching](#)
- [Ent 331: Social Influencing in Sport](#)
- [Ent 351: Design Thinking for Innovation](#)
- [Ent 352: Entrepreneurial Law](#)
- [Ent 356: Quickbooks](#)
- [Ent 380: Topics in Entrepreneurship Abroad](#)
- [Ent 381: Arts Entrepreneurship](#)
- [Ent 382: Franchising](#)
- [Ent 386: Digital Marketing](#)
- [Ent 387: Digital Marketing II](#)
- [Ent 388: e-Commerce Strategy for Entrepreneurs](#)
- [Ent 395: Honors Thesis in Entrepreneurship](#)
- [Ent 396: Business Venturing](#)
- [Ent 411: Project Management for PMI Certification](#)
- [Ent 412: Basics of Applied International Trade](#)
- [Ent 422: Blockchain and the Modern Economy](#)
- [Ent 426: Venture Ideas](#)
- [Ent 436: Business Strategy and Modeling](#)
- [Ent 446: Corporate Innovation](#)
- [Ent 451: Biomedical Entrepreneurship](#)
- [Ent 456: Venture Finance](#)
- [Ent 466: Regulation in New Ventures](#)



- [Ent 476: Entrepreneurial Leadership](#)
- [Ent 486: Family Business Management](#)
- [Ent 499: Venture Accelerator](#)
- [Ent 651: Business Planning and Entrepreneurship](#)
- [Ent 652: Addressing Your Market](#)
- [Ent 653: Innovation, and Design Thinking](#)
- [Ent 654: Venture Accelerator](#)

## **College of Liberal Arts**

- [Envs 101: Humanities and the Environment](#)
- [Envs 301: Advanced Humanities and the Environment](#)
- [Envs 311: Study Abroad-Environment & Humanities](#)
- [Envs 312: Study Abroad-Environment & Social Science](#)
- [Envs 313: Study Abroad-Environment & Nat. Science](#)
- [Envs 321: Special Topics in Humanities](#)
- [Envs 322: Special Topics in Social Sciences](#)
- [Envs 323: Special Topics in Natural Sciences](#)
- [Envs 333: Natural Sciences for Envs Minors](#)
- [Envs 385: Environmental Studies Internship](#)
- [Envs 397: Topics in Environmental Studies Abroad](#)
- [Envs 399: Special Topics in Environmental Studies](#)

## **School of Applied Sciences**

### **Health, Exercise Sci & Recreation Mgmt**

- [ES 100: Introduction to Exercise Science](#)
- [ES 104: Sports in the Ancient World](#)
- [ES 200: Principles of Personal Training](#)
- [ES 319: Sport and Society](#)
- [ES 338: Motor Learning and Control](#)
- [ES 344: Aging in the 21st Century](#)
- [ES 346: Kinesiology](#)
- [ES 347: Kinesiology Lab](#)
- [ES 348: Physiology of Exercise](#)
- [ES 349: Physiology of Exercise Laboratory](#)
- [ES 350: Research Methods in HESRM](#)
- [ES 351: Measurement & Statistics in Exercise Sci](#)
- [ES 391: Trends & Topics in Exercise Science](#)
- [ES 394: Therapeutic Exercise and Fitness](#)
- [ES 396: Allied Health Terminology](#)
- [ES 402: Found. of Health and Human Performance](#)
- [ES 440: Behavioral Aspects of Exercise](#)
- [ES 446: Biomechanics of Human Movement](#)
- [ES 447: Biomechanics Laboratory](#)
- [ES 456: Exercise Testing & Prescription](#)
- [ES 457: Exercise Testing & Prescription Lab](#)
- [ES 471: Mgmt. of Health, Fitness and Sport Progr](#)
- [ES 473: Practicum](#)
- [ES 490: Independent Study](#)
- [ES 493: Internship](#)
- [ES 503: Data Analytics and Methodologies](#)
- [ES 511: Applied Statistics](#)
- [ES 512: Foundations of Biomechanics](#)
- [ES 514: Applied Electromyography](#)
- [ES 515: Stress and the Brain](#)
- [ES 542: Sports Psychology](#)
- [ES 544: The American Woman in Sports](#)
- [ES 548: Biomechanics of Injury](#)
- [ES 574: Selected Problems in Special Populations](#)
- [ES 603: Data Analytics Methodologies](#)
- [ES 606: Ethics and Human Subjects Research](#)



- [ES 608: Methods & Procedures of Graded Exercise](#)
- [ES 609: Motor Behavior](#)
- [ES 610: Internship in Exercise Science](#)
- [ES 611: Exercise Physiology I](#)
- [ES 612: Instrumentation & Analysis in Biomechanics](#)
- [ES 613: Health Aspects of Physical Activity](#)
- [ES 614: Cardiovascular Physiology](#)
- [ES 615: Physiological Aspects of Aging](#)
- [ES 616: Exercise Physiology II](#)
- [ES 618: Advanced Muscle Physiology](#)
- [ES 620: Selected Topics in Exercise Science](#)
- [ES 625: Research Design and Evaluation](#)
- [ES 626: Statistical Analysis I](#)
- [ES 632: Advanced Structural Kinesiology](#)
- [ES 644: Control of Human Voluntary Movement](#)
- [ES 650: Seminar in Exercise Science](#)
- [ES 651: Advanced Individual Study](#)
- [ES 652: Advanced Individual Study](#)
- [ES 653: Independent Research](#)
- [ES 655: Problems in PE/Health Education](#)
- [ES 697: Thesis](#)
- [ES 750: Advanced Seminar in Exercise Science](#)
- [Espr 797: Dissertation](#)

