

## **Academics**

Overview

Calendar

**Regulations** 

**Services** 

**Programs** 

**Minors** 

Courses

**Faculty** 

### **Course Index**

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## SCHOOL OF ENGINEERING ELECTRICAL ENGINEERING

• ECE 361: Design and Design Tools in ECE

# COLLEGE OF LIBERAL ARTS ECONOMICS

- Econ 101: Introduction to Economics
- Econ 202: Principles of Microeconomics
- Econ 203: Principles of Macroeconomics
- Econ 230: Economic Statistics I
- Econ 302: Economic Statistics II
- Econ 303: Money and Banking
- Econ 305: Current Economic Topics
- Econ 307: Managerial Economics





- Econ 308: Operations Research
- Econ 310: Engineering Economy
- Econ 312: Law and Economics
- Econ 320: Current Global Economic Issues
- Econ 324: Experimental Economics
- Econ 335: An Economic History of the South
- Econ 389: Internship
- Econ 398: Intermediate Microeconomics
- Econ 399: Intermediate Macroeconomics
- Econ 401: Government and Business
- Econ 402: Econometrics
- Econ 403: Mathematical Economics
- Econ 406: Natural Resource Economics
- Econ 408: Urban Economics
- Econ 410: Financial Economics
- Econ 411: Asset Pricing
- Econ 412: Financial Econometrics
- Econ 417: Labor Economics
- Econ 418: Sports Economics
- Econ 422: Economic Growth and Development
- Econ 425: American Financial History
- Econ 490: Directed Readings in Economics
- Econ 491: Directed Research in Economics
- Econ 504: Economic Issues in American History
- Econ 505: Public Finance
- Econ 506: Public Finance Administration
- Econ 510: International Trade & Commercial Policy
- Econ 513: History of Economic Thought
- Econ 520: Special Topics in Economics
- Econ 525: Economics of High-Tech Industries
- Econ 540: Seminar in Economics
- Econ 545: Game Theory and Strategic Thinking
- Econ 581: Collective Bargaining
- Econ 583: Labor Relations
- Econ 601: Industrial Organization
- Econ 602: Managerial Economics
- Econ 603: Business Conditions Analysis
- Econ 604: Statistical Methods for Bus & Economics
- Econ 605: Microeconomic Theory
- Econ 606: Macroeconomic Theory
- Econ 607: Seminar
- Econ 609: Methods of Mathematical Analysis
- Econ 610: Public Choice
- Econ 612: Operations Research
- Econ 614: Advanced Microeconomics
- Econ 615: Public Finance
- Econ 616: Economic Development
- Econ 617: Labor Economics
- Econ 619: Monetary Theory
- Econ 620: Public Policy Analysis
- Econ 621: Theory of International Trade
- Econ 623: International Macroeconomics
- Econ 624: Economics of Human Resources
- Econ 625: Labor & Manpower Policies & Problems
- Econ 628: Advanced Macroeconomic Analysis
- Econ 629: Statistical Methods for Economics & Fin
- Econ 630: Econometrics I
- Econ 631: Econometrics II
- Econ 643: Microeconomics Research Seminar





- Econ 645: Macroeconomics Research Seminar
- Econ 647: Econometrics Research Seminar
- Econ 650: Research Colloquium in Econ & Finance
- Econ 697: Thesis
- Econ 797: Dissertation

#### SCHOOL OF EDUCATION LEADERSHIP & COUNSELOR EDUCATION

- Edae 635: Lifelong Learning
- Edae 636: The Adult Learner
- Edae 637: Methodology in Adult Education

- Edav 427: Educational Technology
- Eday 573: Org. & Direct. of Instruct. Media Center
- Edav 651: Advanced Individual Study
- Edav 652: Advanced Individual Study
- Eday 676: The Use of Graphic Materials in Teaching
- Eday 697: Thesis
- Eday 767: Field Study
- Eday 797: Dissertation
- Edba 602: Advanced Applied Behavior Analysis
- Edba 603: Single Case Experimental Design
- Edba 604: Applied Behavior Analysis Methods & Asse
- Edba 605: Applied Behavior Analysis Methods & Inte
- Edba 606: Ethics in Applied Behavior Analysis
- Edba 607: Supervision and Training in Applied Beha
- Edba 610: Practicum Experience in Applied Behavior
- Edba 611: Independent Research in Applied Behavior
- Edci 096: English as a Second Language Course A
- Edci 097: English as a Second Language Course B
- Edci 098: English as a Second Language Course C
- Edci 099: English as a Second Language Course D
- Edci 101: Introduction to Teaching in STEM
- Edci 201: American Sign Language I
- Edci 202: American Sign Language II
- Edci 300: Career Education
- Edci 303: Design of Instruction; Effective Teach.
- Edci 310: Introduction to Museum Education
- Edci 317: Diag & Rem Read Dis
- Edci 320: Service Projects in Science Ed: K-12
- Edci 352: Education, Society, & the K-12 Learner
- Edci 353: Planning & Teaching Strategies for Effec
- Edci 403: Introduction to Classroom Assessment
- Edci 419: Effective Classroom Mgmt & Assesment Pra
- Edci 443: Spec Meth I
- Edci 500: Assessing Student Learning
- Edci 501: Effective Teaching & Classroom Practices
- Edci 502: Diversity of the Adolescent Learner
- Edci 503: Msmt. & Eval. for the Classroom Teacher
- Edci 504: Teachers as Leaders
- Edci 505: Classroom Facilitation and Management
- Edci 520: Service Projects in Science Ed: K-12
- Edci 526: The Middle Years School
- Edci 557: Computer Concepts and App. for Educators
- Edci 558: Integrating the Internet in Education
- Edci 600: Advanced Methods
- Edci 601: Advanced Curriculum Theory and Practice
- Edci 602: Curriculum Construction





- Edci 604: Theoretical Models& Processes of Reading
- Edci 605: Exploration& Application of Trends& Curr
- Edci 606: Comp. Wellness Physical Activity Ele Cla
- Edci 607: Theory & Practice in Ele Science Ed
- Edci 608: Curricular Issues in Elementary Mathemat
- Edci 613: Lesson Planning & Assessing Student Lear
- Edci 616: Science Technology Society in Classroom
- Edci 617: Effective Tech Integration in Secondary
- Edci 625: Writing, Thinking, and Reading
- Edci 627: Historical Look at Diversity in Children
- Edci 630: Capstone Research Project
- Edci 635: Reflective Teaching
- Edci 647: Theory and Practice in Geographic Educat
- Edci 648: Seminar in Geographic Education
- Edci 651: Advanced Individual Study
- Edci 657: Information Tech. for Prof. Educators
- Edci 658: Trends and Issues in Teaching
- Edci 674: Cul Dimen Sec Lang Acq
- Edci 675: Teaching With Film
- Edci 680: ESL Program Administration
- Edci 697: Applied Linguistics in TESOL
- Edci 700: Doctoral Seminar I: Investigation
- Edci 701: Advanced Curriculum Theory and Practice
- Edci 702: Directed Studies in Collaborative Resear
- Edci 703: Seminar on the Learner and Learning
- Edci 705: Directed Studies in Higher Ed Teaching
- Edci 706: Directed Studies in Collaborative Writin
- Edci 727: Internship
- Edci 731: Assessment and Differentation
- Edci 757: Improvement Science
- Edci 787: Dissertation in Practice
- Edci 790: Doctoral Seminar II
- Edci 797: Dissertation

## SCHOOL OF EDUCATION

- Edde 406: Intro Driver & Highway Safety Education
- Edde 407: Highway Safety & Driver Education
- Edde 408: Driver Simulation
- Edde 507: Safety Education

- Edec 300: Curric & Theory for Early Childhood Educ
- Edec 301: Experiences in Early Childhood Education
- Edec 302: Orientation to Early Childhood Educ
- Edec 303: Science and Numbers
- Edec 304: Action Lab Infant and Toddler Settings
- Edec 312: Action Lab ECE Child Guidance/Classroom
- Edec 320: Early Childhood Methods
- Edec 321: Early Childhood Development I
- Edec 323: Special Ed for Early Childhood Dev
- Edec 324: Early Language and Literacy
- Edec 326: Socio-Emotional Competencies
- Edec 327: Social Studies in Early Childhood Educat
- Edec 328: Infant & Toddler Development and Program
- Edec 400: STEAM in Early Childhood Education
- Edec 401: Integrating Arts into the Curriculum
- Edec 402: Action Lab Placement in ECE Preschool
- Edec 404: Assessment for Early Childhood
- Edec 500: Introduction to Early Childhood Educ





- Edec 551: Sci & Num Concepts in Early Child Educ
- Edec 553: Lang Concepts & Lit in Early Child Educ
- Edec 557: Seminar: Social Living in Early Ch Educ
- Edec 570: Program Dev & Admin in Early Ch Educ
- Edec 600: Child Development: Prebirth to Age 8
- Edec 601: Lang & Lit Development in Young Child
- Edec 602: Theoretical Found. of Early Child Curr.
- Edec 603: Sci, Tech, Engin & Math (STEM) in ECE
- Edec 604: Function & Theory of Play in ECE
- Edec 605: Integrating Arts in Early Childhood Ed
- Edec 606: Social Contexts in Early Childhood Ed
- Edec 607: Issues & Trends in Early Childhood Ed
- Edec 608: Diverse Needs in Early Childhood Ed
- Edec 651: Advanced Individual Study
- Edec 652: Advanced Individual Study
- Edec 655: Art & Music in Early Childhood Education
- Edec 661: Practicum I
- Edec 662: Practicum II
- Edec 663: Practicum III
- Edec 664: Practicum IV
- Edec 665: Practicum V
- Edec 667: Early Childhood Education Seminar
- Edec 697: Thesis
- Edec 767: Field Study
- Edel 303: Applications in Elem Science Classrooms
- Edel 305: Child Development
- Edel 361: Art for the Elementary Classroom
- Edel 401: Social Studies in the Elementary School
- Edel 402: Art of Teaching Literacy in the Elem Sch
- Edel 403: Mathematics for the Elementary School
- Edel 404: Science in the Elementary School
- Edel 416: Mathematics & Science in the Elem. Sch.
- Edel 519: Tech. and Prin. for Class. Management
- Edel 520: Books and Related Materials
- Edel 531: Differentiated Instruction
- Edel 601: Child Growth and Development
- Edel 615: Prob. & Invest. Teach. Elem. Sch. Sci
- Edel 617: Nature & Structure of Lang. Arts
- Edel 620: Literacy Connections in the Elem. School
- Edel 621: Brain/Mind Theories & Thematic Approach
- Edel 623: Problems in Teaching Social Studies
- Edel 625: Problems in Teaching Mathematics I
- Edel 627: Problems of Teaching Mathematics II
- Edel 629: Clinical and Diagnostic Proc. in Math
- Edel 630: Clinical Projects
- Edel 651: Advanced Individual Study
- Edel 652: Advanced Individual Study
- Edel 653: Seminar in Elementary Education
- Edel 661: Practicum in Elementary Education
- Edel 697: Thesis
- Edel 700: Seminar in Elementary Education
- Edel 727: Internship
- Edel 767: Field Study
- Edel 797: Dissertation

#### **LEADERSHIP & COUNSELOR EDUCATION**

- Edfd 209: Foundations of American Education
- Edfd 507: Cont. Issues in American Education
- Edfd 609: The Cultural Context of Education





- Edfd 611: Comparative Education
- Edfd 707: The Professional Philosophy
- Edfd 709: Cultural Context of Education
- Edfd 713: Education and Society
- Edfd 721: Recent Developments in Educ. Practice
- Edhe 101: Academic Skills for College
- Edhe 105: Freshman Year Experience
- Edhe 106: Advancing the First-Year Experience
- Edhe 202: Fundamentals of Active Learning
- Edhe 301: Career and Life Planning
- Edhe 303: Academic Skills for Transfer Students
- Edhe 305: Transfer Student Experience
- Edhe 333: Special Topics in Higher Education
- Edhe 651: Advanced Individual Study
- Edhe 656: Student Services in Higher Education
- Edhe 657: Comparative Higher Education
- Edhe 658: Org/Governance of Higher Ed
- Edhe 659: Finance of Higher Education
- Edhe 660: History of Higher Education
- Edhe 661: The Community College
- Edhe 662: College Teaching
- Edhe 663: Curriculum in Higher Education
- Edhe 664: The Law and Higher Education
- Edhe 665: Contemporary Issues of Higher Education
- Edhe 667: Practicum in Student Personnel Services
- Edhe 668: Practicum in Student Personnel Services
- Edhe 669: Human Resources in Higher Education
- Edhe 670: Topics in Higher Education
- Edhe 671: The College and the Student
- Edhe 721: Recent Developments in Educ. Practice
- Edhe 757: Comparative Higher Education
- Edhe 759: Finance of Higher Education
- Edhe 760: Advanced Education Policy Analysis
- Edhe 761: The Community College
- Edhe 762: College Teaching
- Edhe 763: Curriculum in Higher Education
- Edhe 764: Law of Higher Education
- Edhe 767: Fellowship in Higher Education
- Edhe 770: Topics in Higher Education
- Edhe 780: History of Higher Education
- Edhe 781: Ind., Rel., and Collective Identities
- Edhe 797: Dissertation
- Edld 110: Chancellor's Leadership Class I
- Edld 111: Chancellor's Leadership Class II
- Edld 120: Introduction to Leadership Studies
- Edld 201: Career Decision Making
- Edld 220: Foundations of Leadership Studies
- Edld 320: The Univ. of MS Service Organ Leaders
- Edld 420: Exercising Leadership: Mobilizing Group
- Edld 500: Perspectives on Educational Admin
- Edld 501: The Effective Principal
- Edld 504: Instructional Improvement
- Edld 505: School Law Seminar
- Edld 600: Special Topics in Educational Leadership
- Edld 610: Mission, Vision, and Core Values
- Edld 611: Ethics and Prof. Norms for Ed. Leaders
- Edld 612: Equity and Cultural Leadership
- Edld 613: Instructional Leadership
- Edld 614: Community and External Leadership





- Edld 615: Human Resources Leadership
- Edld 616: Data-informed Leadership
- Edld 617: School Law and Leadership
- Edld 618: Operations and Management of Leadership
- Edld 619: School Turnaround
- Edld 630: Organization-Environment Interaction
- Edld 631: Facility Planning and Management
- Edld 641: Law and Ethics of Education
- Edld 642: Managing Operations for Learning
- Edld 643: Human Resource Administration
- Edld 651: Advanced Individual Study
- Edld 652: Advanced Individual Study
- Edld 656: Administrative Internship
- Edld 671: Leading Quality Instruction
- Edld 672: Common Ground: School and Community
- Edld 673: Organization and Management
- Edld 674: Developing Quality Teaching
- Edld 675: Pol, Int, Eth, Leg, Pol. Issues
- Edld 676: Leading Change in Educational Org.
- Edld 692: Proposal Wrtg/Grants
- Edld 693: Statewide Control/Coor in Higher Ed
- Edld 694: Human Resource Development
- Edld 697: Thesis
- Edld 700: Administrative Theory
- Edld 721: Leadership and Management
- Edld 723: Fiscal Management in Schools
- Edld 727: Internship in Admin. & Higher Education
- Edld 730: Multidisciplinary Persp on Leadership
- Edld 741: Advanced Educational Law and Ethics
- Edld 750: Organizational Improvement
- Edld 756: Internship in Educational Administration
- Edld 767: Field Study
- Edld 774: Applied Curriculum Instruction & Account
- Edld 797: Dissertation
- Edld 798: Graded Dissertation

#### **TEACHER EDUCATION**

- Edle 417: Senior Practicum
- Edle 463: Student Teaching: Early Childhood
- Edle 464: Student Teaching: Elementary Education
- Edle 467: Student Teaching: Exceptional Students
- Edle 471: Student Teaching: Art Education
- Edle 473: Student Teaching: Music Education
- Edle 480: Student Teaching: Secondary Education
- Edle 483: Student Teaching: Foreign Languages

#### **STUDENT ADVISING & FIELD EXPERIENCE**

• Edle 655: Super. for Home Econ. Teachers

- Edls 101: Introduction to Libr. Rsch. & Elec. Res.
- Edls 301: Children's Literature, K-8
- Edls 432: Special Methods: Library Science
- Edlt 601: Literacy Foundations: Theory History
- Edlt 602: Early Literacy Development
- Edlt 603: Expanding Literacy Development
- Edlt 604: Effective Literacy Assess and Intervent
- Edlt 605: Content Area Literacy
- Edlt 606: Literature for Children and Adolescents



- Edlt 607: Literacy Leadership
- Edlt 608: Literacy Internship I
- Edlt 609: Literacy Internship II
- Edrd 090: Developmental Reading
- Edrd 100: Indiv Rdg Improvement
- Edrd 300: Foundations of Reading instruction
- Edrd 317: Diag. & Remediation of Reading Disa.
- Edrd 355: Early Literacy Instruction I and II
- Edrd 400: Reading Instruction in the Elementary Sc
- Edrd 414: Reading Diagnosis and Intervention
- Edrd 415: Met & Mats for Teaching Read in Elem Sch
- Edrd 429: Reading in the Secondary School
- Edrd 600: Basic Skills in Reading
- Edrd 615: Mat & Meth of Rdg in the Elem. School
- Edrd 616: Diagnostic and Remedial Reading
- Edrd 617: Clinical Diag. & Correction of Rdg Prob.
- Edrd 651: Advanced Individual Study
- Edrd 652: Advanced Individual Study

#### **LEADERSHIP & COUNSELOR EDUCATION**

- Edrs 405: Introduction to Educational Research
- Edrs 501: Educational Statistics I

#### **TEACHER EDUCATION**

• Edrs 600: Action Research

### **LEADERSHIP & COUNSELOR EDUCATION**

- Edrs 604: Foundations of Qualitative Research Meth
- Edrs 605: Educational Research I
- Edrs 606: Program Evaluation I
- Edrs 607: Program Evaluation II
- Edrs 608: Survey Research

#### **TEACHER EDUCATION**

• Edrs 610: Literacy Research

#### **LEADERSHIP & COUNSELOR EDUCATION**

- Edrs 633: Special Topics in Educational Research
- Edrs 673: Data Led Curriculum and Assessment
- Edrs 699: Internship in Program Evaluation
- Edrs 700: Models of Inquiry and Literature Review
- Edrs 700: Models of Inquiry and Literature Review
- Edrs 701: Educational Statistics II
- Edrs 702: Instit Research & Planning in Higher Edu
- Edrs 703: Advanced Methods of Applied Research
- Edrs 704: Foun. of Qualitative Research Method
- Edrs 705: Educational Research II
- Edrs 706: Applications of Qualitative Research
- Edrs 710: Design of Experiments
- Edrs 733: Special Topics in Educational Research

- Edse 400: Principles of Education
- Edse 401: Seminar on Current Issues
- Edse 410: Seminar in Secondary Education
- Edse 442: Special Methods I: English
- Edse 443: Special Methods: Foreign Language
- Edse 444: Spc Meth-Voc Home Ec





- Edse 445: Special Methods I: Mathematics
- Edse 446: Special Methods I: Science
- Edse 447: Special Methods I: Social Studies
- Edse 448: Spc Meth-Speech
- Edse 452: Special Methods II: English
- Edse 453: Special Methods II: Foreign Language
- Edse 455: Special Methods II: Mathematics
- Edse 456: Special Methods II: Science
- Edse 457: Special Methods II: Social Studies
- Edse 525: Literature for Today's Teenagers
- Edse 610: National and State Issues in Education
- Edse 625: Trends and Issues in Secondary Education
- Edse 626: Trends Teaching & Learning of Sec Math
- Edse 627: Reflections on Teaching/Field Experience
- Edse 631: Curriculum Planning for Art Education
- Edse 633: Music in the Secondary School
- Edse 636: Teaching Secondary School Science
- Edse 642: Advanced Methods of Teaching English
- Edse 644: Adv. Meth. of Teach Vocational Home Econ
- Edse 645: Advanced Meth. of Teaching Mathematics
- Edse 646: Advanced Methods of Teaching Science
- Edse 647: Adv. Methods of Teaching Social Studies
- Edse 648: Advanced Methods of Teaching Speech
- Edse 651: Advanced Individual Study
- Edse 652: Advanced Individual Study
- Edse 653: Workshop in Home Economics Education
- Edse 655: Trends in Young Adult Literature
- Edse 657: Seminar in Music Education
- Edse 665: Use of Technology in Secondary Math
- Edse 690: Masters Seminar in Secondary Education
- Edse 697: Thesis
- Edse 700: Sem.: Contemporary Issues in Sec. Educ
- Edse 725: Adolescent Lit: A Critical Analysis
- Edse 727: Internship in Secondary Education
- Edse 742: Teaching English in the Secondary School
- Edse 757: Tech Concepts, Apps, Trends for Educator
- Edse 758: Trends and Issues in Teaching
- Edse 767: Field Study
- Edse 797: Dissertation
- Edsp 308: Introduction to Special Education
- Edsp 317: Action Lab Seminar
- Edsp 327: Nature & Needs with Mild/Mod Disability
- Edsp 329: Nature & Needs with Severe Disabilities
- Edsp 335: Assessment of Exceptional Students
- Edsp 339: Oral Lang Meth & Mater w/Excep Students
- Edsp 401: Collaboration and Conference Strategies
- Edsp 402: Organization & Administration of Spec Ed
- Edsp 403: Instr Strat for Students with Severe Dis
- Edsp 405: Instr Strat for Students Mild/Mod Dis
- Edsp 407: Survey of Special Education Students
- Edsp 410: Seminar Instruction
- Edsp 411: Seminar in Selected Spec Ed Topics
- Edsp 452: Practicum & Field Exp w/Excep Children
- Edsp 541: Methods & Materials of Educ. Assessment
- Edsp 545: Cognitive Neuroscience & Education
   Edsp 552: Prac. & Field Exper. with Excep. Child
- Edsp 585: Education of Gifted Students
- Edsp 590: Methods & Materials for the Gifted
- Edsp 595: Differentiated Instruction Atypical Gift





- Edsp 601: Exceptional Students in the Secondary Cl
- Edsp 628: Rehabilitation Techniques
- Edsp 631: Organization of Special Education
- Edsp 643: The Learning Brain
- Edsp 651: Advanced Individual Study
- Edsp 652: Advanced Individual Study
- Edsp 653: Practicum and Field Experience with Exce
- Edsp 670: Issues & Trends in Multicultural Ed
- Edsp 674: Seminar in Special Education
- Edsp 676: Educ. & Psy. of Indiv. with Emot. Distur
- Edsp 678: Intervention Proc. for Indiv. with Emoti
- Edsp 680: Directed Research with Exceptional Indiv
- Edsp 683: Readings in Research with Excep. Child
- Edsp 686: Educ. & Psy. of Ind. with Spc. Lrn. Dis
- Edsp 688: Educ. of Indiv. with Intellec. Disabil.
- Edsp 690: Curriculum and Program Development
- Edsp 697: Thesis
- Edsp 700: Seminar: Contemporary Issues in Spec. Ed
- Edsp 701: Directed Studies in Higher Ed Teaching
- Edsp 702: Directed Studies in Collaborative Resear
- Edsp 703: Directed Studies in Collaborative Writin
- Edsp 727: Internship in Special Education
- 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 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 ENGINEERING

- El E 100: Introduction to Electrical Engineering
- El E 101: Survey of the Electrotechnology
- El E 235: Principles of Digital Systems





- El E 236: Digital Systems Laboratory I
- El E 237: Electrical Engineering Tools and Toys
- El E 301: Applied Electronics
- El E 302: Applied Communication Systems
- El E 313: Physiology for Biomedical Engineering
- El E 314: Biomedical Measurement
- El E 322: Electric Circuit II
- El E 331: Linear Systems
- El E 337: Digital Systems Laboratory II
- El E 340: Electrical Engineering Analysis I
- El E 341: Theory of Fields
- El E 351: Electronics Circuits I
- El E 352: Electronics Circuits II
- El E 353: Electronics Laboratory
- El E 354: PC-Based Instrumentation Laboratory
- El E 357: Electrical Engineering Problems I
- El E 358: Electrical Engineering Problems II
- El E 367: Computer-Aided Design in Electrical Engr
- El E 385: Advanced Digital Systems
- El E 386: Advanced Digital Systems Laboratory
- El E 391: Random Signals
- El E 413: Biomedical Signal Processing
- El E 414: Biomedical Electronics
- El E 415: Telecommunications Laboratory
- El E 425: Local Area Networks
- El E 431: Theory of Control Systems
- El E 432: Robotics Laboratory
- El E 433: High Frequency and Microwave Laboratory
- El E 434: Fiber Optics Laboratory
- El E 436: Systems Laboratory
- El E 441: Electromagnetic Theory I
- El E 442: Electromagnetic Theory II
- El E 443: Network Analysis and Synthesis
- El E 447: Modulation, Noise, and Communications
- El E 449: Analog Communications Laboratory
- El E 450: Digital Communications Laboratory
- El E 451: Electrical Energy Conversion
- El E 452: Electric Power Transformer Laboratory
- El E 453: Solid State Devices
- El E 461: Sr. Design in Electrical Engineering I
- El E 462: Sr. Design in Electrical Engineering II
- El E 481: Fund. Low Power Dig. VLSI Design
- El E 482: Digital CMOS VLSI Design
- El E 485: Microprocessor Systems Engineering
- El E 486: Microprocessor Systems Engr Lab
- El E 487: Digital Signal Processing Laboratory
- El E 521: Electrical Engineering Projects I
- El E 522: Electrical Engineering Projects II
- El E 523: Microwave Engineering
- El E 525: Introduction to Antennas
- El E 533: Electronic Properties of Materials
- El E 534: Wireless Mobile Communications
- El E 535: Digital Communications
- El E 536: Introduction to Quantum Computing
- El 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 303: Nonfiction Workshop
- Eng 308: Editing, Writing, and Digital Publishing
- Eng 309: Studies in Genre
- Eng 311: Studies in Cinema/Media Genres
- Eng 312: Studies in Cinema/Media History
- Eng 314: The Cinematic South
- Eng 317: Chaucer
- Eng 318: Medieval Romance
- Eng 319: Medieval Drama
- Eng 320: The Heroic Age
- Eng 321: Literature of Medieval Europe
- 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 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 355: Studies in Southern Literature
- 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 370: Studies in World Literatures
- Eng 371: Studies in Anglophone Literature
- Eng 373: Studies in Comparative Black Lit
- Eng 377: Studies in National Traditions
- Eng 380: Studies in Literacy Criticism & Theory
- Eng 382: Intro to Gender and Sexuality Studies
- Eng 383: Studies in Gender and Feminism
- Eng 386: Gender on Film
- Eng 391: Environmental Genres and Forms
- Eng 392: Directed Research Assistantship I
- Eng 394: Internship-Editing, Writing, Publishing
- Eng 395: Studies in Literature
- Eng 396: Studies Counter-Canon & Critical Issues
- Eng 401: Advanced Fiction Workshop
- Eng 404: Special Topics in Creative Writing
- Eng 409: Special Topics in Genre
- Eng 412: Sp Topics Cinema/Media Theory, History
- Eng 413: Special Topics in Media/Cultural Studies





- Eng 417: Early Middle English
- Eng 419: 14th Century English Literature
- Eng 420: Anglo-Saxon and Celtic Literature
- Eng 421: Literature of Medieval Europe
- Eng 422: Literature of Medieval Piety
- Eng 423: Special Topics in Medieval Literature
- Eng 431: Special Topics in 18th Century Lit
- Eng 435: Transatlantic Lit to 1900
- Eng 443: Special Topics American Lit 1860-1900
- Eng 445: Special Topics in 19th Century Lit
- Eng 452: Transatlantic Lit 1900 to Present
- Eng 454: Special Topics in Modernism
- Eng 457: Special Topics in Contemporary Lit
- Eng 462: Special Topics in the Global South
- Eng 465: Special Topics in Native American Lit
- Eng 469: Special Topics in African American Lit
- Eng 474: Special Topics in World Literature
- Eng 476: Special Topics in Anglophone Literature
- Eng 481: Special Topics in Caribbean Literature
- Eng 483: Special Topics in African Literature
- Eng 488: Special Topics Gender/Sexuality Studies
- Eng 492: Directed Research Assistantship II
- Eng 493: Special Topics in Race and Ethnicity
- Eng 496: Directed Reading
- Eng 497: English Study Abroad
- Eng 710: Studies in Early Modern Literature
- Eng 727: Studies in Modern & Contemporary Lit
- Engl 221: Survey of World Literature to 1650
- Engl 222: Survey of World Literature since 1650
- Engl 223: Survey of American Lit to the Civil War
- Engl 224: Survey of American Lit since Civil War
- Engl 225: Survey of British Lit to 18th Century
- Engl 226: Survey of Brit Lit since Romantic Period
- Engl 299: Literary Interpretation
- Engl 300: Internship in English
- Engl 301: Survey of Roman Literature
- Engl 302: Introduction to Creative Writing
- Engl 303: Greek and Roman Tragedy
- Engl 304: Greek and Roman Comedy
- Engl 305: Topics in Classical Mythology
- Engl 307: Survey of Greek Literature
- Engl 309: Greek and Roman Epic
- Engl 310: Women in the South
- Engl 311: Beginning Fiction Workshop
- Engl 312: Beginning Screenwriting Workshop
- Engl 313: Introduction to Linguistic Science
- Engl 314: Phonology
- Engl 315: Morphology
- Engl 316: Syntax
- Engl 317: Beginning Poetry Workshop
- Engl 320: Advanced Writing for Majors
- Engl 322: Afro American Lit Survey to 20th Century
- Engl 323: Afro Amer Lit Survey of the 20th Century
- Engl 324: Blues Tradition in American Literature
- Engl 325: Survey of Native American Literature
- Engl 333: Poetry and Politics at Rome
  Engl 340: Renaissance Epic
- Engl 341: Renaissance Drama Excl of Shakespeare
- Engl 343: African American Science Fiction Lit





- Engl 351: Topics in Contemporary Literature
- Engl 352: Selected Topics in Popular Literature
- Engl 353: Introduction to Film
- Engl 354: Topics in Medieval Literature & Culture
- Engl 355: Sociolinguistics
- Engl 356: Landscape in Medieval Literature
- Engl 358: Power, Knowledge, and Gender
- Engl 359: Sex and Gender in Medieval Literature
- Engl 360: Women in Literature
- Engl 361: Introduction to World Cinema
- Engl 362: American Environmental Lit 1850-Present
- Engl 363: British Environmental Lit 1800-Present
- Engl 364: Studies in Early American Literature
- Engl 365: Gay and Lesbian Literature and Theory
- Engl 368: Survey of Southern Literature
- Engl 370: Literature and Empire
- Engl 371: African Literature
- Engl 372: South Asian Literature
- Engl 373: Caribbean Literature
- Engl 374: Irish Literature
- Engl 375: Medieval Studies
- Engl 376: Renaissance and Early Modern Studies
- Engl 378: Origins of the Eighteenth Century Novel
- Engl 380: British Lit of the Romantic Period
- Engl 385: Shakespeare
- Engl 390: Jr Seminar: Major Authors of British Lit
- Engl 391: Jr Seminar: Major Authors of Amer Lit
- Engl 392: Jr Seminar: Major Authors of World Lit
- Engl 393: Literature on Location I
- Engl 395: Topics in English Abroad I
- Engl 396: Junior Seminar: Drama
- Engl 397: Junior Seminar: Poetry
- Engl 398: Junior Seminar: Literary Criticism
- Engl 399: Special Topics
- Engl 401: Advanced English Grammar
- Engl 402: Greek Tragedy in English Translation
- Engl 403: American Lit Culture since 1800 I
- Engl 404: American Lit Culture since 1800 II
- Engl 405: Chaucer
- Engl 406: Studies in Medieval Literature
- Engl 408: Shakespeare on Film
- Engl 409: Greek Drama in English Translation
- Engl 410: The Novel
- Engl 412: 20th Century Poetry in English
- Engl 414: Renaissance Poetry
- Engl 415: Approaches to Discourse
- Engl 418: Writing Expository Prose
- Engl 419: Advanced Poetry Workshop
- Engl 420: Contemporary Literary Theory
- Engl 421: Queer Theory
- Engl 422: Prison & the Literary Imagination
- Engl 423: Advanced Screenwriting Workshop
- Engl 425: Modern American Drama
- Engl 426: Modern British Drama
- Engl 427: Medieval Drama
- Engl 430: Pragmatics
- Engl 431: History of the English Language I
- Engl 434: Dialects of American English
- Engl 435: Major Author of the 18th Century





- Engl 436: Major Author of the 19th Century
- Engl 437: Major Author of the 20th Century
- Engl 438: Language and Gender
- Engl 439: Seminar on Shakespeare
- Engl 440: Studies in the Romantic Period
- Engl 441: Comparative Black Literatures
- Engl 442: Latina and Latino Literatures
- Engl 447: Animals in Literature
- Engl 448: Nature Writing
- Engl 449: Studies in Environmental Literature
- Engl 450: 20th Century British Literature
- Engl 451: Contemporary British Fiction
- Engl 452: 18th Century Literature and Culture
- Engl 454: Studies in Gothic Literature
- Engl 455: Studies in Victorian Literature
- Engl 456: Studies in the Victorian Novel
- Engl 457: Restoration and 18th Cent. British Lit
- Engl 458: Restoration and 18th Century Brit Drama
- Engl 459: Topics in Early American Literature
- Engl 460: American Fiction 1919 to 1940
- Engl 461: Studies in Contemporary American Fiction
- Engl 462: American Novel to 1920
- Engl 463: Writers of the American Renaissance
- Engl 465: Major African American Writers
- Engl 466: Faulkner
- Engl 467: The South in Film
- Engl 468: Topics in Film Studies
- Engl 471: The Idea of the Postcolonial
- Engl 473: Studies in Irish Literature
- Engl 475: Southern Environmental Writing
- Engl 476: Studies in Southern Literature
- Engl 480: Studies in a Major Author of Renaissance
- Engl 481: Special Topics in Renaissance Literature
- Engl 482: Renaissance Women Writers
- Engl 483: Renaissance Lit and the Environment
- Engl 490: Counter-Canons and Critical Issues
- Engl 493: Literature on Location II
- Engl 494: Seminar on Literature & Gender
- Engl 495: Topics in English Abroad II
- Engl 496: Directed Reading
- Engl 498: Seminar in English
- Engl 499: Senior Thesis
- Engl 501: Descriptive Grammar
- Engl 502: Historical Linguistics
- Engl 503: Old English I
- Engl 504: Old English II
- Engl 505: History of the English Language II
- Engl 506: Semantics
- Engl 507: Teaching English Grammar
- Engl 510: Old Norse
- Engl 520: Teaching Writing for Thinking
- Engl 521: Non Fiction Writing
- Engl 535: Fiction workshop
- Engl 536: Poetry SeminarEngl 566: Faulkner Studies
- Engl 580: World Englishes
- Engl 588: Writing Theory
- Engl 592: Modern English Grammar
- Engl 595: Seminar in Linguistics





- Engl 598: Topics for English Teachers
- Engl 599: Special Topics in English
- Engl 600: Intro to Graduate Study
- Engl 601: Professional Issues in Graduate Study
- Engl 603: Studies in Early English Literature
- Engl 605: Middle English
- Engl 606: Chaucer
- Engl 607: Studies in Middle English Literature
- Engl 608: Bibliographical Tools and Methods
- Engl 609: Studies in 16th Century Literature
- Engl 611: Studies in Shakespeare
- Engl 613: Studies in English Drama
- Engl 615: Fundamentals of Linguistic Science
- Engl 617: Teaching College English
- Engl 619: Studies in African and African Diasporic
- Engl 620: Postcolonial Lit, Culture, and Criticism
- Engl 623: Studies in World Literature
- Engl 625: Modern American Drama
- Engl 631: Milton
- Engl 633: 17th Century Studies
- Engl 640: British Lit of Restoration 18th Century
- Engl 641: 18th Century Studies
- Engl 643: The English Lyric
- Engl 645: Studies in the English Novel
- Engl 653: The Study of Film
- Engl 654: Special Topics in Film Study
- Engl 655: Studies in the Romantic Period
- Engl 657: Studies in the Victorian Period
- Engl 658: Studies in Modern British Literature
- Engl 659: Studies in Contemporary Literature
- Engl 661: Faulkner
- Engl 663: Studies in Major American Writers
- Engl 665: Studies in Composition and Rhetoric
- Engl 666: Research in Composition
- Engl 667: Studies in the American Novel
- Engl 668: Studies in Early American Literature
- Engl 669: Studies in 19th Century American Lit
- Engl 670: Studies in Modern American Lit
- Engl 675: Studies in American Literary Regionalism
- Engl 676: Studies in Southern Literature
- Engl 679: Form, Craft, Influence for Poets
- Engl 680: Graduate Fiction Seminar I
- Engl 681: Graduate Fiction Seminar II
- Engl 682: Graduate Poetry Seminar
- Engl 683: Form, Craft, and Influence: Fiction
- Engl 684: Directed Reading in Creative Writing
- Engl 685: Theory and Criticism of Poetry
- Engl 686: Studies in Genre
- Engl 687: Studies in Literature & the Environment
- Engl 689: Studies in Genre II
- Engl 690: The Modernist Colloquium
- Engl 691: Studies in Critical Theory
- Engl 692: Cultural Studies
- Engl 693: Directed Reading in English Literature
- Engl 694: Studies in Gender Theory
- Engl 695: Directed Reading in American Literature
- Engl 696: Directed Research
- Engl 697: Thesis
- Engl 698: MFA Thesis Hours: Indep Study & Writing





- Engl 717: Internship Seminar in College English
- Engl 796: Doctoral Essay
- Engl 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 208: Graphics II
- Engr 296: Special Topics in Engineering Science
- Engr 297: Special Topics in Engineering Science
- Engr 301: Environmental Engineering Lab I
- Engr 302: Fluid Mechanics Laboratory
- 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 401: Environmental Engineering Lab II
- 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
- Engr 537: Environmental Engineering II

#### **CHEMICAL ENGINEERING**

• Engr 540: Environmental Organic Transport Phenomen

### SCHOOL OF ENGINEERING

- Engr 551: Engineering Thermodynamics
- Engr 553: Heat Transfer
- 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 572: Advanced Sanitary Analysis
- Engr 573: Environmental Remediation
- Engr 577: Geophysics I
- Engr 579: Geophysics II
- Engr 581: Applications in Geophysics
- 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: Coding for Error Code
- Engr 618: Vadose Zone Hydrology
- Engr 619: Advanced Microwave Measurements
- Engr 620: Advanced Remote Sensing
- Engr 621: Advanced Electrodynamics
- Engr 622: Advanced Electromagnetic Theory
- Engr 623: Passive Microwave Circuits
- Engr 624: Active Microwave Circuits
- Engr 625: Antennas
- Engr 625: Adv. Topics in Computational Mechanics
- Engr 626: Numerical Methods in Electromagnetics
- Engr 627: Ray Methods in Electromagnetics
- Engr 628: Adv Numerical Methods in Electromagnetic
- Engr 629: Televisions Systems II
- Engr 630: Unit Process & Oper in Env Eng I
- Engr 631: Unit Process & Oper in Env Eng II
- Engr 632: Sludge Treatment and Disposal
- Engr 633: Process Dynamics and Control I
- Engr 634: Treatment & Disposal of Industrial Waste
- Engr 635: Optimization
- Engr 636: Groundwater Mechanics
- Engr 637: Groundwater Modeling
- Engr 638: Hazardous Waste Management
- Engr 639: Environmental Systems Engineering





- Engr 640: Stream and Estuarine Analysis
- 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 647: Pavement Management Systems
- 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

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- 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
- 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 356: Quickbooks
- Ent 380: Topics in Entrepreneurship Abroad
- Ent 381: Arts Entrepreneurship
- Ent 386: Digital Marketing
- Ent 387: Digital Marketing II
- Ent 388: e-Commerce Strategy for Entrepreneurs
- Ent 395: Honors Thesis in Entrepreneurship
- Ent 411: Project Management for PMI Certification
- Ent 426: Venture Ideas
- Ent 436: Business Strategy and Modeling
- Ent 446: Corporate Innovation
- Ent 499: Venture Accelerator
- Ent 651: Business Planning and Entrepreneurship
- Ent 652: Addressing Your Market
- Ent 653: Innovation, and Design Thinking

### **COLLEGE OF LIBERAL ARTS**

- Envs 101: Humanities and the Environment
- 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 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: Exercise Leadership
- 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 Biomechani
- 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

