Electrical Engineering

Overview
Academics & Admissions
Programs
Minors
Courses
Faculty

Courses
- Engr 360: Electric Circuit Theory
- Engr 361: Electric Circuit Laboratory
- Engr 363: Introductory Electric Circuit Laboratory
- Engr 410: Engineering Analysis II
- BME 200: Introduction to Biomedical Engineering
- BME 301: Bioinstrumentation
- BME 320: Bioseparations
- BME 333: Biological Transport
- BME 350: Immunotherapy
- BME 444: Biomedical Controls
- BME 461: Biomedical Engineering Senior Design I
- BME 462: Biomedical Engineering Senior Design II
- E E 100: Introduction to Electrical Engineering
- E E 101: Survey of the Electrotechnology
- E E 235: Principles of Digital Systems
- E E 236: Digital Systems Laboratory I
- E E 237: Electrical Engineering Tools and Toys
- E E 301: Applied Electronics
- E E 302: Applied Communication Systems
- E E 313: Physiology for Biomedical Engineering
- E E 314: Biomedical Measurement
- E E 331: Linear Systems
- E E 337: Digital Systems Laboratory II
- E E 340: Electrical Engineering Analysis I
- E E 341: Theory of Fields
- E E 351: Electronics Circuits I
- E E 352: Electronics Circuits II
- E E 353: Electronics Laboratory
- E E 354: PC-Based Instrumentation Laboratory
- E E 357: Electrical Engineering Problems I
- E E 358: Electrical Engineering Problems II
- E E 367: Computer-Aided Design in Electrical Engr
- E E 385: Advanced Digital Systems
- E E 386: Advanced Digital Systems Laboratory
- E E 391: Random Signals
- E E 413: Biomedical Signal Processing
- E E 414: Biomedical Electronics
- E E 415: Telecommunications Laboratory
- E E 425: Local Area Networks
- E E 431: Theory of Control Systems
- E E 432: Robotics Laboratory
- E E 433: High Frequency and Microwave Laboratory
- E E 434: Fiber Optics Laboratory
- E E 436: Systems Laboratory
- E E 441: Electromagnetic Theory I
- E E 442: Electromagnetic Theory II
- E 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 451: Sr. Design in Electrical Engineering I
El E 452: 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 561: Microwave Circuit Design
El E 586: Digital Signal Processing