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 322: Biomaterials
- 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
- Cp E 421: Embedded Systems Design
- Cp E 431: Computer Architecture
- Cp E 432: Testing of Computing Systems
- Cp E 461: Senior Design in Computer Engineering I
- Cp E 462: Senior Design in Computer Engineering II
- ECE 361: Design and Design Tools in ECE
- 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

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

- EI E 432: Robotics Laboratory
- EI E 433: High Frequency and Microwave Laboratory
- EI E 434: Fiber Optics Laboratory
- EI E 436: Systems 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 449: Analog Communications Laboratory
- EI E 450: Digital Communications Laboratory
- EI E 451: Electrical Energy Conversion
- EI E 452: Electric Power Transformer Laboratory
- 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
- EI E 586: Digital Signal Processing

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