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 322: Biomedical Controls
- BME 461: Biomedical Engineering Senior Design I
- BME 462: Biomedical Engineering Senior Design II
- 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 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

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https://catalog.olemiss.edu/2019/fall/undergraduate/engineering/electrical-engineering/courses
• 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 561: Microwave Circuit Design
• EI E 586: Digital Signal Processing