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
• ELE 100: Introduction to Electrical Engineering
• ELE 101: Survey of the Electrotechnology
• ELE 235: Principles of Digital Systems
• ELE 236: Digital Systems Laboratory I
• ELE 237: Electrical Engineering Tools and Toys
• ELE 301: Applied Electronics
• ELE 302: Applied Communication Systems
• ELE 331: Linear Systems
• ELE 337: Digital Systems Laboratory II
• ELE 340: Electrical Engineering Analysis I
• ELE 341: Theory of Fields
• ELE 351: Electronics Circuits I
• ELE 352: Electronics Circuits II
• ELE 353: Electronics Laboratory
• ELE 354: PC-Based Instrumentation Laboratory
• ELE 357: Electrical Engineering Problems I
• ELE 358: Electrical Engineering Problems II
• ELE 367: Computer-Aided Design in Electrical Engr
• ELE 385: Advanced Digital Systems
• ELE 386: Advanced Digital Systems Laboratory
• ELE 391: Random Signals
• ELE 414: Biomedical Electronics
• ELE 415: Telecommunications Laboratory
• ELE 425: Local Area Networks
• ELE 431: Theory of Control Systems
• ELE 432: Robotics Laboratory
• ELE 433: High Frequency and Microwave Laboratory
• ELE 434: Fiber Optics Laboratory
• ELE 436: Systems Laboratory
• ELE 441: Electromagnetic Theory I
• ELE 442: Electromagnetic Theory II
• ELE 443: Network Analysis and Synthesis
• ELE 447: Modulation, Noise, and Communications
• ELE 449: Analog Communications Laboratory
• ELE 450: Digital Communications Laboratory
• ELE 451: Electrical Energy Conversion
• ELE 452: Electric Power Transformer Laboratory
• ELE 453: Solid State Devices
• ELE 461: Sr. Design in Electrical Engineering I
• ELE 462: Sr. Design in Electrical Engineering II
• ELE 481: Fund. Low Power Din. VLSI Design
• ELE 482: Digital CMOS VLSI Design
• ELE 485: Microprocessor Systems Engineering
• ELE 486: Microprocessor Systems Engr Lab

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.

https://catalog.olemiss.edu/2020/spring/undergraduate/engineering/electrical-engineering/courses
• 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