

## **Electrical and Electronics Engineering**

- BME 313: Physiology for Biomedical Engineering
- BME 314: Biomedical Measurement
- BME 413: Biomedical Signal Processing
- ECE 361: Design and Design Tools in ECE
- <u>ELE 100: Introduction to Electrical Engineering</u>
- El E 235: Principles of Digital Systems
- El E 236: Digital Systems Laboratory I
- El E 237: Electrical Engineering Tools and Toys
- El E 322: Electric Circuit II
- El E 331: Signals and Systems
- El E 337: Digital Systems Laboratory II
- 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 357: Electrical Engineering Problems I
- <u>El E 367: Computer-Aided Design in Electrical Engr</u>
- El E 385: Advanced Digital Systems
- <u>El E 386: Advanced Digital Systems Laboratory</u>
- El E 391: Probability and Random Signals
- 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 441: Electromagnetic Theory I
- <u>El E 442: Electromagnetic Theory II</u>
- El E 443: Network Analysis and Synthesis
- El E 447: Modulation, Noise, and Communications
- El E 451: Electrical Energy Conversion
- 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 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
- <u>El E 535</u>: Digital Communications
- El E 536: Introduction to Quantum Computing
- El E 561: Microwave Circuit Design
- El E 586: Digital Signal Processing
- Engr 609: Time Series Analysis
- Engr 610: Data Communications Protocols
- Engr 622: Advanced Electromagnetic Theory
- Engr 624: Active Microwave Circuits
- Engr 626: Numerical Methods in Electromagnetics
- Engr 627: Ray Methods in Electromagnetics
- Engr 629: Televisions Systems II
- Engr 650: Radar Remote Sensing
- Engr 652: Advanced Compiler Design
- Engr 686: Multimedia Technologies II
- Engr 687: Special Functions for Applications

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.





- Engr 688: Current Issues in Telecommunications
- Engr 718: Coding for Error Code
- Engr 719: Advanced Microwave Measurements
- Engr 721: Advanced Electrodynamics
- Engr 723: Passive Microwave Circuits
- Engr 725: Antennas
- Engr 728: Adv Numerical Methods in Electromagnetic
- Engs 610: Telecommunication Network Engineering
- Engs 627: Applied Probability Modeling
- Engs 633: Microwave Filters
- <u>M E 533: Electronic Properties of Materials</u>

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