



College of Engineering

University Blvd • Tyler TX 75799

Phone: 903.566.7040

email: coe@uttyler.edu

Marketable skills for Electrical Engineering

- Electrical Systems Design
- MATLAB, SIMULINK, and LABVIEW Applications
- Digital Systems Design
- VHDL
- Communication Systems
- Control Systems Design
- Real Time Systems
- Power System Analysis
- New Product Development
- Microprocessors and Embedded Systems
- VLSI Design
- FPGA Design
- Wearable Sensors and Bio signal Analytics
- IoT and Smart Systems Design
- Power Electronics Devices and Systems
- Research and Development
- Communication Skills
- Planning
- Ethical Problem Solving
- Leader and Follower Skills
- Team work