About The Major

Electrical Engineering Technology deals with the design, application, installation, manufacturing, operation, or maintenance of electrical and electronic systems. Electrical technologists assist electrical engineers and may prepare layouts of electrical transmission or distribution systems, supervise workflow, estimate project costs, or participate in research studies.

Sample Course Work

- Introduction to Circuits
- Advanced Analog Electronics
- Advanced Digital Electronics
- Technical Writing for Engineering Technologies
- Introduction to Electrical Power and Machinery
- General Physics 1

Skills Needed

- Critical thinking
- Circuit Design
- Active Learning
- Interpersonal Communication
- Organizational Skills
- Complex Problem-solving
- Math and Physics skills

Possible Careers

- Field Engineer
- Operations
- Industrial Engineer
- Systems Engineer
- Electrical Engineer
- Manufacturing Engineer
- Systems Technician
- Software Engineer
- Product Specialist
- Molding Engineer
- Plant Manager

UNI Graduates: Where Are They Now?

- John Deere
- Rockwell Collins
- Paulo Heat Treating, Brazing, and Metal Finishing
- JD Edwards
- PeopleSoft
- Oracle
- Clean Technology Partners Pty Ltd.
- Cenbion, LLC
- Bluestone Engineering, LLC
- Trapeze Software Group
- Alcoa
- Boston Scientific
- Collins Aerospace