ELECTRICAL ENGINEERING TECHNOLOGYcombines knowledge of electrical engineering with technical skills in a variety of areas. Examples are automated manufacturing, industrial controls, text operations, digital communications and instrumentation.

UT’s electrical engineering technology students learn about the applications of technology through laboratory experience rather than research and development. Electrical engineering technology courses are taught by full-time faculty who have professional experience in all areas of electrical engineering.

WHAT TO EXPECT WHEN YOU GRADUATE
The desire for the latest technology is expected to increase the demand for graduates of electrical engineering technology. This means graduates will have very competitive starting salaries. The broad nature of the program supports employment in nearly all areas of practice. Graduates of the electrical engineering technology program qualify for registration as professional engineers following a predetermined period of professional engineering employment (eight years in Ohio) and completion of the Fundamentals of Engineering and the Professional Engineering exams.

DID YOU KNOW?
It is believed that ancient Romans and Persians used “batteries” made of pots with sheets of copper inside.
**Group campus tours** are available Monday through Friday at 10 a.m. or 2:30 p.m., and on select Saturdays at 11:15 a.m. Individual admission appointments are available by request. Individualized college or department visits also are available weekdays at 1:15 p.m. by appointment.

utoledo.edu/admission/campusvisit • 800.5TOLEDO

### Suggested Curriculum*

#### FIRST YEAR

**Fall Semester**
- ENGT 1000 Intro to Engineering Tech 1
- ENGL 1110 English Composition I 3
- MATH 1330 Trigonometry 3
- EET 1010 Resistive Circuits 4
- CHEM 1230 General Chemistry 4
  
  **Total 15 hours**

**Spring Semester**
- EET 1410 Electrical Drafting 3
- EET 1020 Resistive Circuits 4
- EET 2210 Digital Logic Fundamentals 4
- ENGL 2950 Sci & Tech Report Writing 3
- Social Science Elective 3
  
  **Total 17 hours**

#### SECOND YEAR

**Fall Semester**
- PHYS 2010 Technical Physics I 5
- MATH 2450 Technical Calculus I 4
- EET 2010 Electronic Principles 4
- Communication Elective 3
  
  **Total 16 hours**

**Spring Semester**
- MATH 2460 Technical Calculus II 4
- PHYS 2020 Tech Physics II 5
- EET 2020 Electronic Device Applications 4
- CSET 2200 PC & Industrial Networks 4
  
  **Total 17 hours**

#### THIRD YEAR

**Fall Semester**
- ENGT 3010 Statistics & Design of Experiments 4
- ENGT 3020 Applied Engineering Math 3
- EET 2410 Mechatronics I 4
- EET 3150 C Programming 4
  
  **Total 15 hours**

**Spring Semester**
- EET 3250 Network Analysis 3
- EET 3350 Digital Systems Design 4
- EET 4550 Mechatronics II Multicultural Elective 4
- MET 2100 Engr Mechanics: Statics 3
  
  **Total 17 hours**

#### FOURTH YEAR

**Fall Semester**
- EET 4150 Analog Systems Design 4
- EET 4250 Microcomputer Architecture 4
- EET 4350 Electric Power Systems 4
- Hum/Multicultural Elective 3
- Social Science Elective 3
  
  **Total 18 hours**

**Spring Semester**
- ENGT 4050 Senior Tech Capstone 3
- EET 4450 Automatic Control Systems 4
- Humanities Elective 3
- Professional Development Elective 3
  
  **Total 13 hours**

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*Sample curriculum is subject to change. Please consult the department for up-to-date information. For more detailed program requirements, visit utoledo.edu/menu/academics.

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For more information about electrical engineering technology, contact:

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