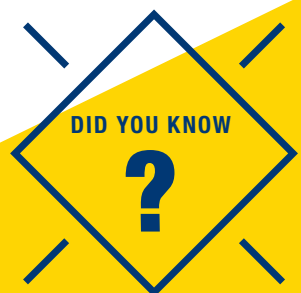


ELECTRICAL ENGINEERING TECHNOLOGY



**GENERATE POWER
FOR LAS VEGAS.
WORK WITH DIGITAL
COMMUNICATIONS.
CREATE ROBOT CONTROLS.**



**IT IS BELIEVED THAT
ANCIENT ROMANS
AND PERSIANS USED
"BATTERIES" MADE OF
POTS WITH SHEETS OF
COPPER INSIDE.**

ELECTRICAL ENGINEERING TECHNOLOGY COMBINES 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.



COLLEGE OF ENGINEERING
THE UNIVERSITY OF TOLEDO

ELECTRICAL ENGINEERING TECHNOLOGY

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	4
Multicultural Elective	3
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

For more information about electrical engineering technology, contact:

Office of Undergraduate Studies

College of Engineering
Mail Stop 311
The University of Toledo
Toledo, OH 43606-3390
419.530.8040
enugstudies@utoledo.edu
utoledo.edu/engineering

*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.