ELECTRICAL ENGINEERING TECHNOLOGY

College of Engineering

Bachelor of Science
4-year program

sound like you?

Generate power for Las Vegas • Work with digital communications • Create robot controls

did you know?

If 10,000 schools turned off their lights for one minute they would save $81,885. If those same schools turned out their lights every time they went to recess, they would save more than $4.9 million.

Electrical Engineering Technology at UT

Electrical engineering technology (EET) combines knowledge of electrical engineering theory with technical skills in a variety of areas. Examples of these areas are automated manufacturing, industrial controls, test 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 a Professional Engineer following a predetermined period of professional engineering employment (eight years in Ohio) and completion of the Fundamentals of Engineering (FE) Exam and the Professional Engineering (PE) Exam.

Check out all our majors online @ *utoledo.edu/admission/majors.asp*

THE UNIVERSITY OF TOLEDO
1872

ELECTRICAL ENGINEERING TECHNOLOGY

The College of Engineering is one of ten mandatory engineering co-op programs in the United States. Engineering Technology students may optionally participate in the co-op program. It also has one of the nations top 20 graduate engineering programs as ranked by the Princeton Review.

College of Engineering

Group campus tours are available Monday through Friday at 10:30 a.m. or 2:30 p.m., and on Saturday at 11:15 a.m., year round, with the exception of national holidays. Individual admission appointments are available by request. Individualized college or department visits are also available weekdays at 1:15 p.m. by appointment.

utoledo.edu/admission/campusvisit
800.5TOLEDO

Sample 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
CSET 1100 Unix and C	3
Total	14 hrs.

Spring Semester

EET 1410 Electrical Drafting	3
EET 1020 Reactive Circuits	4
EET 2210 Digital Logic	4
ENGL 2950 Report Writing	3
Social Science Elective	3
Total	17 hrs.

SECOND YEAR

Fall Semester

PHYS 2010 Technical Physics I	4
MATH 2450 Technical Calculus I	4
EET 2010 Electronic Principles	4
EET 2230 Assembly Language	4
Total	16 hrs.

Spring Semester

MATH 2460 Technical Calculus II	4
PHYS 2020 Technical Physics II	4
EET 2020 Electronic Device Applications	4
CSET 2200 PC and Industrial Networks	4
Total	16 hrs.

THIRD YEAR

Fall Semester

ENGT 3010 Statistics and Design of Experiments	4
ENGT 3020 Applied Engineering Math	3
EET 2410 Prog Controller Fundamentals	4
Professional Development Elective	4
Multicultural Elective	3
Total	18 hrs.

Spring Semester

EET 3250 Network Analysis	4
EET 3350 Digital Systems Design	4
EET 4550 Programmable Controller Applications	4
Humanities Elective	3
Communications Elective	3
Total	18 hrs.

FOURTH YEAR

Fall Semester

EET 4150 Analog Systems Design	4
EET 4250 Microcomputer Architecture	4
EET 4350 Electric Power Systems	4
Humanities/Multicultural Elective	3
Total	15 hrs.

Spring Semester

ENGT 4050 Senior Tech Capstone	3
EET 4450 Automatic Control Systems	4
Social Science Elective	3
Professional Development Elective	4
Total	14 hrs.

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

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