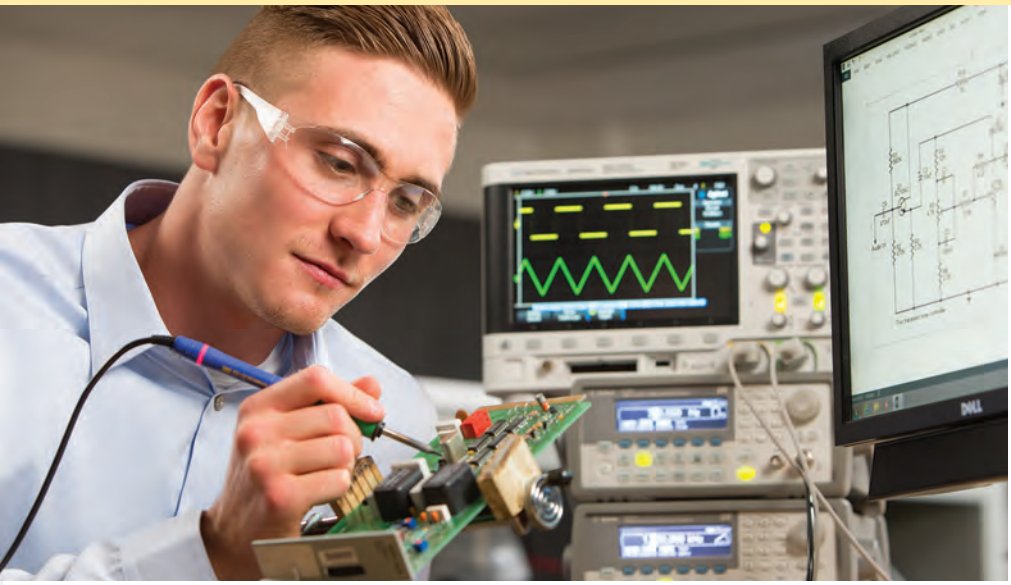
School of Applied Technologies

SCIENCE, TECHNOLOGY, ENGINEERING AND MATH (STEM):

Electrical Engineering Technology



70-credit Associate of Applied Science Degree

For more information: **www.wctc.edu/electrical-eng**

Electrical engineering technologists' work involves the design, development, production, testing and manufacturing of electronic and electrical equipment. In this calculus-based Electrical Engineering Technology (EET) program, gain skills necessary to apply knowledge of electrical theory to numerous settings. Technologists in research and development assist engineers to design, build and test electronic apparatus; in manufacturing, they supervise the production of electronic equipment, repair equipment, and set up and program automated manufacturing lines; in field service engineering, they install, maintain and troubleshoot electronic equipment.

- WCTC's program is accredited by the Engineering Technology Accreditation Commission of ABET, http://www.abet.org.
- Prepare for jobs such as electrical technician, electronics technician, senior technician, electronics repair technician or technical support representatives.
- Program-to-program transfer opportunities are available at the University of Wisconsin-Milwaukee, Milwaukee School of Engineering and Marquette University in the Electrical Engineering program.* For a complete list of transfer credits, visit www.wctc.edu/transfer.
- The Electronics Club provides further exposure to the electronics industry.
- Incoming students who have had high school Project Lead the Way or related courses are better prepared for success in this program.

PROGRAM CODE 10-662-1

CORE COURSES:

		Credits
605-118	Digital Electronics I	2
605-127	Elect Fabrication Techniques	2
662-102	DC Circuit Analysis	4
605-119	Digital Electronics II	2
662-104	AC Circuit Analysis	4
662-190	Electronic Circuits I	4
605-126	Industrial Systems	3
605-182	Microcontrollers	3
662-191	Electronic Circuits II	4
605-148	Data Acquisition	3
605-187	Electronic Data Communications	3
662-108	Linear Circuit Analysis	3

GENERAL STUDIES:

801-136	English Composition 1	3
804-198	Calculus 1	4
809-196	Intro to Sociology	3
804-156	Technical Calculus II	4
806-187	Calculus Based Physics 1	3
804-167	Technical Calculus III	4
806-188	Calculus Based Physics 2	3
801-196	Oral/Interpersonal Comm	3
809-195	Economics	3
809-199	Psychology of Human Relations	3

FALL OR SPRING START

General Studies courses are available both fall and spring, but the first semester core program courses may only be offered in the fall.

Curriculum is current as of printing. For available proficiency exams or course prerequisites, visit www.wctc.edu.

**Credit transfer must be approved by the institution to which the credits are transferring.*