



Electrical Engineering Technology

70-credit Associate of Applied Science Degree

www.wctc.edu/electrical-eng

If you enjoy science, technology, engineering and math principles, are a practical, problem solver and have an interest in translating engineering drawings and diagrams, this career path may be for you. The role of an electrical engineering technician is application based, and technicians work closely with engineers and scientists.

About This Program

Electrical engineering technologists' work involves the design, development, production, testing, manufacturing and repair of electronic and electrical equipment. In this calculus-based program, gain skills necessary to apply knowledge of electrical theory to numerous settings, including research and development, manufacturing, field service engineering among others.



Career Salaries

\$42,000 - \$65,000 annually

Salary range estimates based on wages for related occupations in Waukesha County as reported by Economic Modeling Specialists International (EMSI). Individual wages may vary based on experience, industry, location and specific job requirements.

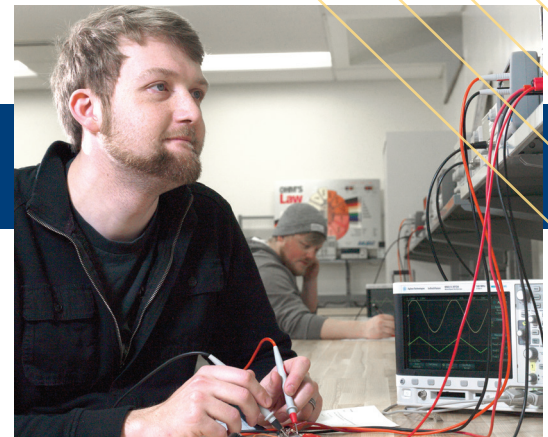


Potential Careers

Electrical Engineering Technologist
Engineering Assistant
Electrical Technician
Electronics Repair Technician
Technical Support Representative

What Makes This Program Unique

- Find excellent employment opportunities in industries such as electronics, medical, industrial controls, avionics, telecommunications, manufacturing, electrical power, automotive and others.
- Articulation agreements with four-year universities can provide substantial cost savings.



PROGRAM CODE 10-662-1

CORE COURSES

Credits

605-118	Digital Electronics I	2
605-119	Digital Electronics II	2
605-126	Industrial Systems	3
605-148	Data Acquisition	3
605-182	Microcontrollers	3
605-187	Electronic Data Communications	3
662-102	DC Circuit Analysis	4
662-104	AC Circuit Analysis	4
662-108	Linear Circuit Analysis	3
662-190	Electronic Circuits I	4
662-191	Electronic Circuits II	4
663-104	Programming for Electronics	1
663-106	Electronic Fabrication I	1

GENERAL STUDIES

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



WAUKESHA COUNTY TECHNICAL COLLEGE

Hands-on Higher Ed