



Electricity

28-credit Technical Diploma

www.wctc.edu/electricity

If you enjoy a technical challenge, are an analytical problem solver, and like following complex directions to fix mechanical and electrical problems, a job as an electrician may be right for you. Those working in this field assess equipment and system malfunctions and restore them to proper working order.

About This Program

Learn to apply key electricity skills and knowledge in commercial, residential and industrial settings. Explore the National Electrical Code and emerging trends in the industry. Learn to read construction drawings and use appropriate safety measures when working with electricity.

What Makes This Program Unique

- Coursework from this program can be applied toward the Electrician (ABC) apprenticeship.
- The broad scope of the curriculum will prepare you for careers in residential, commercial and industrial settings.
- Earn your OSHA 10-hour certification as part of this program.

Career Salaries

\$28,000 - \$39,000 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

- Electrician
- Journeyworker
- Master Electrician



PROGRAM CODE 31-413-1

Credits

CORE COURSES:

413-301	Beginning Electrical Concepts	2
413-302	Reading Construction Drawings	2
413-307	Res & Comm Wiring Concepts	3
413-308	Construction Trades Safety	1
413-309	Introduction to NEC	2
413-311	Intermediate NEC	2
413-313	Industrial Wiring Concepts	3
413-316	Advanced Electrical Concepts	2
413-318	Trends in Electricity	1
413-320	Elect Pwr Ctrl & Motors	3
605-188	PLC 1	2

GENERAL STUDIES:

801-311	Communication in the Workplace	2
804-107	College Mathematics	3

