



ELECTRICAL TRADES

AT
CAPE
TECH

NEW FOR 2024-2025

ABOUT THE PROGRAM

Electrical Trades will offer an introduction to the concepts of electrical technology. Classroom and shop instruction provide the student with knowledge on AC/DC, motors, electric lighting, conduit bending, pull and junction boxes, conductor installations, cable trays, conductor terminations/splices, grounding and bonding, and circuit breakers and fuses. Within this program general apprenticeship and job opportunities through our Cooperative Education Coordinator are encouraged for eligible students during their senior year with various electric companies who Cape May Tech has partnered with. In this course, they may prepare for the Skills USA competition, practice for the IBEW apprenticeship program exam, and take part in work-based learning opportunities.

STUDENTS WILL

- Prepare for the world of work but also additional training facilities in the event they wish to extend their studies within the cluster.
- Participate in activities for this program in a state-of-the-art facility.
- Explore a wide range of job opportunities within the field through internships, field trips, and other interactions with professionals within the industry.
- Receive OSHA10 certification.

CAREER PATHWAYS

APPRENTICE ELECTRICIAN // COMMERCIAL JOURNEYMAN //
RESIDENTIAL ELECTRICIAN // ELECTRICAL CONTRACTOR //
LINEMAN