



Imagine...

Engineering electrical circuits for a multi-million dollar company.



Electrical Technology

Are you interested in acquiring the unique skill set needed to have a career in the Electrical Industry? If so, the Electricity program at BCTC is for you! This program consists of a sequence of courses based on the Current National Center for Construction Education and Research (NCCER) task list, which prepares students to become qualified professionals. Our highly-trained instructor utilizes a hands-on teaching method to assist students in achieving their NCCER Certification and the BCTC (1080 hour class completion) Certification, which will qualify students to take the State Fire Marshal's Journeyman Electrician Exam directly out of high school!

WORK SKILLS ▶▶▶

- Good Physical Health, Balance & Dexterity
- Strong Hand-Eye Coordination
- Problem Solver
- Persistent
- Strong Concentration And Focus
- Understand Math And Physics
- Determination
- Focused
- Ambitious

WHAT DOES IT TAKE?

A problem-solver that is ready to tackle a variety of different challenges. Also, someone with basic math skills, drawing abilities, and strong hand-eye coordination.

WORK/ENVIRONMENT CONSIDERATIONS

Physically (sitting, standing, and lifting) demanding. The need for strong hand-eye coordination in various environments. Exposure to many different elements and situations.

WHAT WILL I LEARN?

The curriculum prepares students for careers in industry as electrical/electronic technicians. Students develop the practical skills needed to work with electrical machinery, electric and electronic machine control devices, and other electronic equipment. The course work emphasizes hands-on learning pertaining to troubleshooting, circuitry, industrial electronics, electrical machines, and electrical construction projects.

WHAT WILL I DO?


Students will gain hands-on experience by connecting various types of wires and circuit breakers, outlets, and a host of other components. They will also use tools such as ammeters, ohmmeters, voltmeters, oscilloscopes, and other equipment used in electrical testing. By the end of the semester, students will have acquired extensive electrical knowledge, training, and an NCCER Certification.


Take the first step
and contact us today!



Boone Career and
Technical Center
Your Goals. Our Mission.

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 304-369-4585

 304-369-3692

Go BCTC.com

Creating Quality Futures

Career Pathway Entry Level (After High School Graduation)

SCHOOL	CERTIFICATIONS AND OPTIONS	CAREERS
Boone Career and Technology Center (Adult)	<ul style="list-style-type: none"> ▶ NCCER Certification (Core Electricity I) ▶ BCTC Certification (Completion of 1080 hour class) ▶ Eligible to take State Fire Marshal's Journeyman's Test ▶ Eligible for IBEW 4 year apprenticeship program 	<ul style="list-style-type: none"> ▶ Electrician ▶ Elevator Installers & Repairers ▶ Line Installers & Repairers ▶ Power Plant Operator

Technical Level (Certificates and/or Associates Degree, Apprenticeship)

SCHOOLS	MAJORS	CAREERS
Carver Career Center Fayette Institute of Technology Putnam Career & Technical Center Bridgemont Community & Technical College Southern Community & Technical College	<ul style="list-style-type: none"> ▶ Electrical Engineering (2-yr/Associates) 	<ul style="list-style-type: none"> ▶ Electrician ▶ Electrical Engineering Technician ▶ Drafter ▶ Journeyman Electrician ▶ Master Electrician ▶ Lead Person ▶ Electrical Installer

Professional Level (Four Year or Higher University Degree)

SCHOOLS	MAJORS	CAREERS
IBEW West Virginia University Institute of Technology West Virginia University Marshall University	<ul style="list-style-type: none"> ▶ Electrical Engineering (4-yr/Bachelors) ▶ IBEW Apprenticeship (4-year) 	<ul style="list-style-type: none"> ▶ Electrical Engineer ▶ Wind Turbine Technician ▶ Computer, ATM, and Office Machine Repairers

This is not an exhaustive list of schools or jobs. Please see the program instructor or your counselor for additional options. For more information related to this field of study, including descriptions and salaries, go to:

www.bls.gov

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