

gavectr.org

478-218-3900 | info@gavectr.org

ELECTRICAL CONSTRUCTION

This program prepares students for careers in the electrical construction industry. A combination of basic concepts, theory, and practical application is utilized to develop academic, technical, and professional knowledge and skills. Regardless of where the student gains employment, this program serves as a pre-apprenticeship program where they can continue on-the-job training until fully qualified as a journeyman.

PROGRAMS BEGIN

February
June
October

TECHNICAL COLLEGE CERTIFICATE

Commercial Electrical Construction Technician

ADDITIONAL CERTIFICATE

NCCER Curriculum Accredited

DID YOU KNOW?¹

The Electrical industry is projected to grow **7%** by 2031

IMPORTANT QUALITIES¹

- Critical Thinking Skills
- Customer-service Skills
- Physical Stamina
- Physical Strength
- Hand-eye Coordination
- Attention to Detail
- Analytical Skills
- Color Vision
- Communication Skills

COURSES

- ELTR 1010 Direct Current Fundamentals
- ELTR 1020 Alternating Current Fundamentals
- ELTR 1060 Electrical Prints, Schematics & Symbols
- ELTR 1080 Commercial Wiring I
- ELTR 1090 Commercial Wiring II
- ELTR 1270 NEC Industrial Wiring Appls

MEDIAN SALARY¹

\$60,040

NUMBER OF JOBS AVAILABLE¹

711,200

TYPICAL RESPONSIBILITIES¹

- Read blueprints or technical diagrams
- Install and maintain wiring, control, and lighting systems
- Inspect electrical components, such as transformers and circuit breakers
- Identify electrical problems using a variety of testing devices
- Repair or replace wiring, equipment, or fixtures using handtools and power tools
- Follow state and local building regulations based on the National Electrical Code
- Direct and train workers to install, maintain, or repair electrical wiring or equipment

¹ Electricians: Occupational Outlook Handbook: U.S. Bureau of Labor Statistics
<https://www.bls.gov/ooh/construction-and-extraction/electricians.htm#tab-1>