

Electrical Trades



PROGRAM DESCRIPTION

Individuals skilled in electrical trades are in demand in our region. The Electrical Trades diploma program at the GACTC provides students with the knowledge and skills necessary for employment in electrical-related positions by providing hands-on training in these areas:

- Electrical theory & scientific fundamentals
- Electrical and automated controls practices
- Reading schematics
- Electrical controls
- Building circuits
- Working with the National Electrical Code
- Raceway practices
- Commercial and industrial power distribution
- Transformers
- Motors
- Electrical testing & monitoring equipment
- Energy management
- Safety practices
- Related math



INDUSTRY CERTIFICATIONS

In addition to obtaining a postsecondary diploma, students are prepared to sit for the following certification exams:

- OSHA 10-hour training
- Telehandler/Mobile Elevated Work Platform Certification
- Fluke Digital Multimeter Basic Certification
- Hilti's Power Actuated Tools Certificate



FINANCIAL AID

1. Apply online for the FSA ID username and password at <https://studentaid.gov/fsa-id/create-account/launch>.
2. File the Free Application for Federal Student Aid (FAFSA). File online at <https://studentaid.gov/> using your FSA ID. GACTC school code is 015272.
3. Complete the Student Loan Counseling and Master Promissory Note under the Loans and Grants tab at <https://studentaid.gov/>.
4. Carefully review any communication you receive from the our Financial Aid office and other student aid programs. All requests for information should be returned promptly to the appropriate department or agency, or call the Financial Aid office for assistance at (814) 505-1257 or financial.aid@gactc.edu.

SCHEDULE

September 2025 through May 2026, typically Monday through Thursday, 2 pm-8:15pm.

APPLY NOW!



Electrical Trades Diploma Program

2024-2025 Estimated Tuition & Fees

Tuition	\$10,788.00
Textbooks	
Textbooks *	\$360.00
Supplies	
Uniforms	\$96.00
Tools & Course Supplies	\$2,500.00
Optional Laptop*	\$900.00
Fees	
Certifications	\$100.00
Comprehensive Fee	\$455.00

Estimated Total Tuition & Fees: **\$15,243.00**

Students may be responsible for other fees and supplies not listed above that may be required for program completion.

Textbooks:

ISBN #	Title
9780357081648	Delmars Standard Textbook of Electricity + Mindtap (7e)
9798214109954	Electrical Wiring Residential + Mindtap (21e)

* If you do not wish to receive the required textbooks and/or laptop from the GACTC, you may purchase the textbooks and/or laptop on your own. If you do not receive the textbooks and/or laptop from the GACTC, the cost of the textbooks and/or laptop as detailed in the fees above, will be deducted from your tuition statement. We recommend having access to a computer to use outside of class sessions.