



**TENNESSEE
COLLEGE OF APPLIED TECH
PULASKI**

1233 East College Street, Pulaski, TN 38478
931-424-4014 tcatpulaski.edu

Career Training

- Automation, Process & Production Systems
- Administrative Office Technology
- Basic Dental Assisting
- Building Construction Technology
- CNC Machining Technology
- Computer Operating Systems Networking, & Cybersecurity
- Criminal Justice: Correctional Officer
- Electrical and Plumbing Construction Technology
- Heating, Ventilation, Air Conditioning and Refrigeration
- Industrial Electricity
- Industrial Maintenance Technology
- Patient Care Technology/ Medical Assisting
- Pharmacy Technology
- Practical Nursing
- Residential/Commercial Wiring & Plumbing
- Welding Technology

Training Locations

- Main Campus (Pulaski, TN)
- Lawrence County Instructional Service Center
- Lawrenceburg Instructional Service Center
- North Lawrence Instructional Service Center

INDUSTRIAL ELECTRICITY

The mission of the Industrial Electricity Program is to prepare students to install and repair electrical systems, apparatus, and electrical and electronic components of industrial machinery and equipment. They follow electrical code, manuals, schematic diagrams, blueprints, and other specifications and will use hand tools, power tools, and electrical and electronic test equipment. Training in the Industrial Electricity Program includes theoretical characteristics of circuits, electrical equipment and application. Practical instruction is given in electrical safety, related math, basic electronics, robotics, motors, transformers, electrical code, and programmable logic controllers. An Electrician Apprentice I and II and an Industrial Electrician Diploma is available in this program.

Employment Opportunities:

- Electrical Installations
- Manufacturing
- Industrial Maintenance

Program Instructor:

Chris Adcock
chris.adcock@tcatpulaski.edu
931-424-2418

ENROLLMENT INFORMATION

Classes Offered:	Full-Time: Monday - Friday 8 to 2:30 Part-Time: Mon - Fri 8 to 11 or 11:30 to 2:30
Program Length:	1,728 Hours (4 trimesters)
Program Location:	Pulaski Main Campus 1233 East College St., Pulaski, TN 38478
Program Cost including Tuition and Fees plus Books/Supplies:	\$1,440 per trimester x 4 trimesters=5,760.00 \$1460.00 Books/Supplies; Total Cost \$7,220.00* *These costs are subject to change
Requirements:	Complete the Admissions Process Checklist
Financial Aid:	Available to those who qualify
For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website www.tcatpulaski.edu .	

Tennessee College of Applied Technology-Pulaski does not discriminate on the basis of race, color, religion, creed, ethnic or national origin, sex, disability, age status as a protected veteran or any other class protected by Federal or State laws and regulations and by Tennessee Board of Regents policies with respect to employment, programs, and activities. The following person has been designated to handle inquiries regarding nondiscrimination policies: Christa Williams, VP Student Services; christa.williams@tcatpulaski.edu; 931-424-2404; P.O. Box 614; Pulaski, TN 38478.

Industrial Electricity Course Outline

First Trimester	Hours
Worker Characteristic	6
Technology Foundations	30
Orientation and Safety	20
Basic Principles and Meters	100
Basic Electronics	91
National Electrical Code I	85
Wiring	75
Drawings and Documentation	25
Electrician Helper Certificate	432 Hours

Second Trimester	Hours
Worker Characteristic	6
National Electrical Code II	159
Motors and Transformers	140
Motor Control and Timers I	127
Electrician Apprentice Class II Diploma	864 Hours

Third Trimester	Hours
Worker Characteristic	6
Motor Control and Timers II	187
Installation Guidelines I	239
Electrician Apprentice Class I Diploma	1296 Hours

Fourth Trimester	Hours
Worker Characteristic	6
Timers and Drivers	64
Programmable Logic Controllers	362
Industrial Electrician Diploma	1728 Hours

For More Information Please Contact
 Student Services Department
 P.O. Box 614, Pulaski, TN 38478
 931-424-4014

Accredited Member
 Commission of the Council on Occupational Education
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