



TENNESSEE COLLEGE OF APPLIED TECHNOLOGY

PULASKI

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

Career Training

Advanced Manufacturing Education
Administrative Office Technology
Building Construction Technology
CNC Machining Technology
Computer Operating Systems and Network Technology
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
South Lawrence Instructional Service Center

INDUSTRIAL ELECTRICITY

The mission of the Industrial Electricity Technology 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:	\$1,336 per trimester x 4 trimesters=5,344 \$2,431.82 Books/Supplies; Total Cost \$7,775.82* *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: Mike Whitehead; mike.whitehead@tcatpulaski.edu; P.O. Box 614; Pulaski, TN 38478; 931-424-2420.

Industrial Electricity Course Outline

First Trimester	
Worker Characteristics	6 Hours
Orientation and Safety	20 Hours
Basic Principles and Meters/Technology Foundations	115 Hours
Basic Electronics	106 Hours
National Electrical Code I	85 Hours
Wiring	100 Hours
Electrician Helper Certificate	432 Hours
Second Trimester	
Worker Characteristics	6 Hours
National Electrical Code II	159 Hours
Motors and Transformers	140 Hours
Motor Control and Timers I	127 Hours
Electrician Apprentice Class II Diploma	864 Hours
Third Trimester	
Worker Characteristics	6 Hours
Motor Control and Timers II	187 Hours
Installation Guidelines I	239 Hours
Electrician Apprentice Class I Diploma	1296 Hours
Fourth Trimester	
Worker Characteristics	6 Hours
Installation Guidelines II	11 Hours
Timers and Drivers	64 Hours
National Electrical Code (Commercial and Industrial)	60 Hours
Programmable Logic Controllers	100 Hours
Drawings and Documentation	25 Hours
Residential Wiring	166 Hours
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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