TENNESSEE COLLEGE OF APPLIED TECH PULASKI

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

Electrical and Plumbing Construction Technology

The mission of the Electrical and Plumbing Construction Technology program is to prepare students for a career as an electrician and/or plumber in the fast growing construction industry. Graduates of the Electrical and Plumbing Construction Technology program will possess a number of valuable skills such as electrical theory, residential/commercial print reading and wiring techniques, load calculations, conduit bending, National Electric Code, plumbing fixtures and installation, pipes and fittings, water distribution and drainage installations. Training includes both classroom (theory) and hands-on lab assignments designed to allow students to demonstrate the mastery of the core skills required for employment in the electrical and plumbing field.

Employment Opportunities:

- Residential Electrical Contractors
- Commercial Electrical Contractors
- Residential Plumber
- Commercial Plumber

Program Instructor:
Philip Richardson
philip.richardson@tcatpulaski.edu
931-424-2415

Enrollment Information

Classes Offered:	Full-Time: Monday-Friday 8-2:30 Part-Time: Monday-Friday 8-11 or 11:30-2:30
Program Length:	1296 Hours (3 trimesters)
Program Location:	Pulaski Main Campus 1233 East College Street Pulaski, TN 38478
Program Cost including Tuition, Fees plus Books/Supplies:	$1,487 per trimester x 3 trimesters= 4461.00 $2,086.00 Book/Supplies; Total Cost 6,547.00* *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	

Career Training

- Administrative Office Technology
- Automation, Process & Production Systems
- 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
- South Lawrence Instructional Service Center

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;

EPCT Course Outline

First Trimester	Hours
Worker Characteristic	6
OSHA and Safety	12
Technology Foundations	24
Math Review	30
Tools (Safety & Instruction)	6
Electrical Theory	84
The National Electrical Code	162
Residential Wiring Basics & Lab	66
Multi-Meters	42
OSHA 10 Certification	
Snap On Multimeter Certification	
Residential Wiring Helper Certificate	**432 Hours**

Second Trimester	Hours
Worker Characteristic	6
Class Project Residential-Commercial	60
Advanced Residential-Commercial Wiring and Transformers	214
National Electrical Code-Advanced Codeology (NEC 2011) Load Calculations, Motors & App	115
Conduit-Bending	15
Bonding & Grounding	22
Residential and Commercial Wiring Helper Certificate	**864 Hours**

Third Trimester	Hours
Worker Characteristic	6
Plumbing Safety	12
Plumbing Tools	6
Types of Pipe, Fitting, and Valves	60
Fixtures and Equipment Installation	98
Water Distribution Installation	98
Drainage, Waste, Vent Installation	98
Troubleshooting	54
Plumbing Helper Certificate	
Residential and Commercial Electrician and	**1296 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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