



TENNESSEE COLLEGE OF APPLIED TECH PULASKI

1233 East College Street, Pulaski, TN 38478
931-424-4014 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 and 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 MAINTENANCE TECHNOLOGY (EVENING PROGRAM)

The mission of the Industrial Maintenance Technology Program is to train students with the broad range of skills to compete in today's technological environment as a multi-craft maintenance technician. Trainees learn the fundamentals of electricity, welding, and mechanical. Students are being trained for work with electrical motor control, automated machine control, circuits, conveyors, pumps, pneumatic and hydraulic systems, test equipment, production equipment (electrical, electronic, and mechanical), welding, plastics and injection molding, programmable controllers and automation, and heating and air conditioning. In the last phase of the course, students combine all their newly acquired skills in overall systematic troubleshooting and interfacing systems to qualify for an Industrial Maintenance Technician Diploma.

Employment Opportunities:

- Manufacturing Industries
- Industrial Maintenance
- Welding Industries

Program Instructor:

Dennis Tindell
dennis.tindell@tcatpulaski.edu
931-424-2431
Josh Hughes, Andrew Hughes
Shane Boyd

ENROLLMENT INFORMATION

Classes Offered:	Part-Time: Monday through Thursday - 3:00-8:30 pm, 3:30-9:00 pm, or 4:00-9:30 pm.
Program Length:	1728 Hours (5 Trimesters)
Program Location:	Pulaski Main Campus 1233 East College St., Pulaski, TN 38478
Program Cost including Tuition, Fees plus Books/Supplies	\$1,296 per trimester x 5 trimesters=\$6,480 \$2,544 Book/Supplies; Total cost: \$9,024.00* *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.

IMT Evening Course Outline

First Trimester (Module I)	Hours
Worker Characteristics	6
Orientation, Safety, Alcohol Edu & Haven Training	6
Technology Foundations	24
Electrical Safety	20
Related Math for Electricians	60
Electrical Principles	134
Digital Multimeter Principles	60
Printreading for Electro-Mechanical Systems	122
First Trimester (Module I) Electrician Helper Certificate	432

Second Trimester (Module II)	Hours
Worker Characteristics	6
Introduction to Robotics	44
Electrical Motor Control Systems	194
Program Logic Control Concepts	188
Second Trimester (Module II) Programmable Logic Controller Helper Certificate (C2)	864

Third Trimester (Module III)	Hours
Worker Characteristics	6
Welding Safety	6
Basic Blueprint Reading	36
Oxyacetylene Cutting & Welding	18
Basic GMAW and SMAW	150
Third Trimester (Module III) Gas Metal Arc Welding Helper Certificate (C4)	216

Third Trimester (Module III)	Hours
Industrial Safety	18
Basic Industrial Mechanics	30
Basic Industrial Hydraulics	30
Basic Industrial Pneumatics	18
Machining Operations (Lathe and Mill)	60
Troubleshooting Mechanical Systems	60
Third Trimester (Module III) Mechanical Technician Helper Certificate (C3)	216
Completion of modules I, II, & III=Electro-Mechanical Maintenance Diploma (1296 Hours)	1296

Fourth Trimester (Module IV)	Hours
Worker Characteristics	6
OSHA 10	10
Safety	24
Refrigeration Fundamentals	100
Tools Equipment and Shop Practices	30
Electricity and Controls	130
Installation	76
Green Awareness	14
Employment Readiness Exam	12
EPA	30
Industrial Maintenance Technician/HVAC Diploma (DPI)	1728

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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