



TENNESSEE COLLEGE OF APPLIED TECHNOLOGY

PULASKI

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

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, Colby Bosheers
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	\$1,203 per trimester x 5 trimesters=6,015 \$2,528.30 Book/Supplies; Total cost: \$8,543.30 *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
Advanced Manufacturing
Education
Building Construction
Technology
CNC Machining Technology
Computer Operating Systems
and Network Technology
Electrical and Plumbing
Construction Technology
HVAC/R
Industrial Electricity
Industrial Maintenance
Technology
Patient Care Technology/
Medical Assisting
Pharmacy Technology
Practical Nursing
Residential/Commercial
Wiring and Plumbing
Welding Technology

Campus Locations
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: Mike Whitehead; mike.whitehead@tcatpulaski.edu; P.O. Box 614; Pulaski, TN 38478; 931-424-2420.

IMT Evening Course Outline

First Trimester (Module I)	
Worker Characteristics	6 Hours
Orientation, Safety, Alcohol Edu & Haven Training	6 Hours
Technology Foundations	24 Hours
Electrical Safety	20 Hours
Related Math for Electricians	60 Hours
Electrical Principles	134 Hours
Digital Multimeter Principles	60 Hours
Printreading for Electro-Mechanical Systems	122 Hours
First Trimester (Module I) Electrician Helper Certificate	432 Hours
Second Trimester (Module II)	
Worker Characteristics	6 Hours
Introduction to Robotics	44 Hours
Electrical Motor Control Systems	194 Hours
Program Logic Control Concepts	188 Hours
Second Trimester (Module II) Programmable Logic Controller Helper Certificate (C2)	864 Hours
Third Trimester (Module III)	
Worker Characteristics	6 Hours
Welding Safety	6 Hours
Basic Blueprint Reading	36 Hours
Oxyacetylene Cutting & Welding	18 Hours
Basic GMAW and SMAW	150 Hours
Third Trimester (Module III) Gas Metal Arc Welding Helper Certificate (C4)	216 Hours
Third Trimester (Module III)	
Industrial Safety	18 Hours
Basic Industrial Mechanics	30 Hours
Basic Industrial Hydraulics	30 Hours
Basic Industrial Pneumatics	18 Hours
Introduction to Electrical Motor Control	18 Hours
Machining Operations (Lathe and Mill)	42 Hours
Troubleshooting Mechanical Systems	60 Hours
Third Trimester (Module III) Mechanical Technician Helper Certificate (C3)	216 Hours
Completion of modules I, II, & III=Electro-Mechanical Maintenance Diploma (1296 Hours)	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
 7840 Roswell Road, Building 300 Suite 325
 Atlanta, GA 30350
 Phone: (770) 396-3898 * (800) 917-2081

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IMT Evening Course Outline

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

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