

Industrial Maintenance Mechatronics



TENNESSEE COLLEGE OF APPLIED TECHNOLOGY
NEWBERN

Tel: 731-885-7798
204 South 2nd St.
Union City, TN 38261
www.tcatnewbern.edu

Industrial Maintenance Course Outline (16 months) w/ elective (20 months)

Award Titles	Hours	Award
Electrician Helper	432	CERTIFICATE
Industrial Maintenance Helper	864	CERTIFICATE
Industrial Maintenance Technician	1728	DIPLOMA
Elective Diplomas		
Field Service Tech-Electrical Wiring	2160	DIPLOMA
Field Service Tech-Robotics Maintenance	2160	DIPLOMA
Field Service Tech-Machine Tool Tech	2160	DIPLOMA
Field Service Tech-HVAC	2160	DIPLOMA
Field Service Tech-Welding	2160	DIPLOMA

Curriculum

Worker Characteristics	Safety & Orientation	Technology Foundations
Basic Electricity	Motors & Motor Controls	Mechanical Drive Systems
Pneumatics/Hydraulics	PLC Programming	Robotics
NEC Print Reaching	Mechanical Maintenance	

Class Schedule for IM (Union City): Monday—Friday, 7:30 a.m. to 2:00 p.m. or part-time.

Admission Procedures

- Apply at <https://tcatnewbern.edu/future-students/admissions>
- FINANCIAL AID IS AVAILABLE TO THOSE WHO QUALIFY. Complete the FAFSA online (www.fafsa.gov) - school code: 005283. Allow one week for processing and then contact the Financial Aid Office.
- For more information on graduation & placement rates & other consumer information, please visit <http://www.tcatnewbern.edu/fulltime-day-programs/industrial-maintenance-technology>.

Program Cost

Tuition	
Per TERM	\$1,281
Per YEAR	\$3,843
Total Program	\$6,405
Books	\$678
Equipment	\$228
Total Cost	\$7,311

***All prices subject to change**
***Book & Equipment costs vary with chosen elective**

MISSION STATEMENT

The Tennessee Colleges of Applied Technology serve as the premier suppliers of workforce development throughout the State of Tennessee. The Colleges fulfill their mission by:

- Providing competency-based training through superior quality, traditional and distance learning instruction methods that qualify completers for employment and job advancement;
- Contributing to the economic and community development of the communities served by training and retraining employed workers;
- Ensuring that programs and services are economical and accessible to all residents of Tennessee; and
- Building relationships of trust with community, business, and industry leaders to supply highly skilled workers in areas of need.

Revised: August 21, 2013 Directors' Meeting;
September 20, 2013 TBR Quarterly Meeting

A Tennessee Board of Regents Institution
AA/ADA/EEO Training Institution
Accredited by Council on Occupational Education
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