

Tennessee College of Applied Technology Morristown

Hawkins County Branch

2021-2022

Industrial Maintenance

The Industrial Maintenance Program is comprised of four trimesters of instruction: two required courses, Mechanical Maintenance and Industrial Electricity, and four elective courses that the student chooses. The order in which classes are taken will vary from student to student.

****All book and supply costs are estimates and subject to change without notice.****

Industrial Electricity - Required					432 Hours
Tuition			\$1,253.00		Due at Registration
Technology Fee			\$73.00		Due at Registration
Student Activity Fee			\$10.00		Due at Registration
Basic Electrical Theory	9781932685398	Mike Holt	\$70.00		Approximate
Understanding Motor Controls	9781305498129	Cengage	\$200.00		Approximate
Ugly's Electrical Reference	9781284119367	Jones & Bartlett	\$30.00		Approximate
Benfield Conduit Bending	9780872885103	EC&M	\$40.00		Approximate
Tool Kit w/meter			\$700.00		Approximate
TI-30Xa Calculator**			\$15.00		Approximate
Safety Glasses**			\$5.00		Approximate
Graduation Set***			\$45.00		Approximate
Industrial Electricity Term Total			\$2,441.00		
Mechanical Maintenance - Required					432 Hours
Tuition			\$1,253.00		Due at Registration
Technology Fee			\$73.00		Due at Registration
Student Activity Fee			\$10.00		Due at Registration
Industrial Maintenance Text	9781269792073	Pearson	\$350.00		Approximate
Industrial Hydraulic Technology	9781557690562	Parker	\$55.00		Approximate
Industrial Pneumatic Technology	9781557690609	Parker	\$50.00		Approximate
Mechanical Maintenance Tool Kit			\$750.00		Approximate
Mechanical Maintenance Term Total			\$2,541.00		
Welding - Elective					432 Hours
Tuition			\$1,253.00		Due at Registration
Technology Fee			\$73.00		Due at Registration
Student Activity Fee			\$10.00		Due at Registration
Welding Principles & Applications	9781305494695	Cengage	\$180.00		Approximate
Welding Jacket and Tools			\$325.00		Approximate
Welding Term Total			\$1,841.00		
HVAC-R - Elective					432 Hours
Tuition			\$1,253.00		Due at Registration
Technology Fee			\$73.00		Due at Registration
Student Activity Fee			\$10.00		Due at Registration
Refrigeration and A/C Text/w online	9780357477267	Cengage	\$190.00		Approximate
Handyman Gloves			\$35.00		Approximate
HVAC-R Term Total			\$1,561.00		
PLCS - ROBOTICS Elective					432 Hours
Tuition			\$1,253.00		Due at Registration
Technology Fee			\$73.00		Due at Registration
Student Activity Fee			\$10.00		Due at Registration
Programmable Logic Controllers	9780826913852	ATP	\$155.00		Approximate
Programmable Logic Controllers Lab Manual	SM-1235	Future Tek	\$75.00		Approximate
PLCS - ROBOTICS Total			\$1,566.00		
Total Estimated Program Cost				\$9,950.00	

** These supplies are required by multiple programs and may be purchased any trimester.

Updated: rev 6.24.21

*** Graduation set will be purchased the last trimester the student is enrolled.