

# Tennessee College of Applied Technology Morristown

## Hawkins County Branch

2019-2020

### 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			\$1,229.00	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	\$195.00	Approximate
Ugly's Electrical Reference	9781449690779	Jones & Bartlett	\$25.00	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
<b>Industrial Electricity Term Total</b>			<b>\$2,407.00</b>	
Mechanical Maintenance - Required				432 Hours
Tuition			\$1,229.00	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	\$45.00	Approximate
Mechanical Maintenance Tool Kit			\$750.00	Approximate
<b>Mechanical Maintenance Term Total</b>			<b>\$2,512.00</b>	
Industrial Electricity - Required				432 Hours
Tuition			\$1,229.00	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
<b>Industrial Electricity Term Total</b>			<b>\$1,542.00</b>	
Welding - Elective				432 Hours
Tuition			\$1,229.00	Due at Registration
Technology Fee			\$73.00	Due at Registration
Student Activity Fee			\$10.00	Due at Registration
Welding Principles & Applications	9781305494695	Cengage	\$175.00	Approximate
Welding Jacket and Tools			\$325.00	Approximate
<b>Welding Term Total</b>			<b>\$1,812.00</b>	
HVAC-R - Elective				432 Hours
Tuition			\$1,229.00	Due at Registration
Technology Fee			\$73.00	Due at Registration
Student Activity Fee			\$10.00	Due at Registration
Refrigeration and A/C Text	9781305578296	Cengage	\$190.00	Approximate
Industrial Maintenance - HVAC Tool Kit			\$500.00	Approximate
Handyman Gloves			\$35.00	Approximate
<b>HVAC-R Term Total</b>			<b>\$2,037.00</b>	
PLCS - ROBOTICS Elective				432 Hours
Tuition			\$1,229.00	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
<b>PLCS - ROBOTICS Total</b>			<b>\$1,542.00</b>	
<b>Total Estimated Program Cost</b>			<b>\$11,852.00</b>	

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

Updated: rev 6.24.19

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