

Tennessee College of Applied Technology

Morristown Campus

2016-2017

Industrial Maintenance

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

| Mechanical Maintenance - Required | | | | |
|---|---------------|------------------|--|--------------------|
| Tuition | | | | \$1,139.00 |
| Technology Fee | | | | \$67.00 |
| Student Activity Fee | | | | \$10.00 |
| Industrial Maintenance Text | 9781269792073 | Pearson | | \$325.00 |
| Industrial Hydraulic Technology | 9781557690562 | Parker | | \$55.00 |
| Industrial Pneumatic Technology | 9781557690609 | Parker | | \$45.00 |
| Mechanical Maintenance Tool Kit | | | | \$750.00 |
| TI-30x Calculator** | | | | \$15.00 |
| Safety Glasses** | | | | \$5.00 |
| Ear Plugs** | | | | \$3.00 |
| Graduation Set*** | | | | \$45.00 |
| Mechanical Maintenance Term Total | | | | \$2,459.00 |
| Industrial Electricity - Required | | | | |
| Tuition | | | | \$1,139.00 |
| Technology Fee | | | | \$67.00 |
| Student Activity Fee | | | | \$10.00 |
| Basic Electrical Theory | 9781932685398 | Mike Holt | | \$65.00 |
| Basic Motor Controls | 9780098635340 | Mike Holt | | \$60.00 |
| Ugly's Electrical Reference | 9781449690779 | Jones & Bartlett | | \$25.00 |
| Industrial Maintenance - Industrial Electricity Tool Kit and Multimeter | | | | \$775.00 |
| Industrial Electricity Term Total | | | | \$2,141.00 |
| Machine Shop - Elective | | | | |
| Tuition | | | | \$1,139.00 |
| Technology Fee | | | | \$67.00 |
| Student Activity Fee | | | | \$10.00 |
| Precision Machining Technology | 9781285444543 | Cengage | | \$125.00 |
| Basic Blueprint Reading | 9781435483781 | Cengage | | \$120.00 |
| Practical Problems in Math for Machinists | 9781133281450 | Cengage | | \$220.00 |
| Student's Shop Reference Handbook | 9780831130794 | Industrial Press | | \$35.00 |
| Industrial Maintenance - Machine Shop Tool Kit | | | | \$955.00 |
| Machine Shop Term Total | | | | \$2,671.00 |
| Welding - Elective | | | | |
| Tuition | | | | \$1,139.00 |
| Technology Fee | | | | \$67.00 |
| Student Activity Fee | | | | \$10.00 |
| Welding Principles & Applications | 9781305494695 | Cengage | | \$175.00 |
| Welding Jacket and Tools | | | | \$325.00 |
| Welding Term Total | | | | \$1,716.00 |
| HVAC-R - Elective | | | | |
| Tuition | | | | \$1,139.00 |
| Technology Fee | | | | \$67.00 |
| Student Activity Fee | | | | \$10.00 |
| Refrigeration and A/C Text | 9781111644475 | Cengage | | \$175.00 |
| Industrial Maintenance - HVAC Tool Kit | | | | \$500.00 |
| Handyman Gloves | | | | \$25.00 |
| HVAC-R Term Total | | | | \$1,916.00 |
| Drafting - Elective | | | | |
| Tuition | | | | \$1,139.00 |
| Technology Fee | | | | \$67.00 |
| Student Activity Fee | | | | \$10.00 |
| AutoCAD 2016 Tutorial - 2D | 9781585039593 | SDC | | \$55.00 |
| Technical Drawing Text | 9780135090497 | Pearson | | \$160.00 |
| Parametric Modeling with Solidworks 2016 | 9781585039982 | SDC | | \$60.00 |
| Drafting Term Total | | | | \$1,491.00 |
| Total Estimated Program Cost | | | | \$12,394.00 |

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

Updated: rev 8/22/2016

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

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