

# Tennessee College of Applied Technology Morristown

## Morristown Campus

2023-2024

### Computer Aided Design Technology

Students taking Drafting have a choice during their fourth term of taking either Architectural Design or Mechanical Design. The program cost will vary based on the books required for the different courses.

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

| <b>First Term</b>  |               |           |                   | <b>432 Hours</b>    |
|--|---------------|-----------|-------------------|---------------------|
| Tuition  |               |           | \$1,290.00        | Due at Registration |
| Student Activity Fee   |               |           | \$10.00           | Due at Registration |
| Technology Fee   |               |           | \$73.00           | Due at Registration |
| Technical Drawing Text 15th Ed.                              | 9780134306414 | Pearson   | \$185.00          | Approximate         |
| AutoCAD 2022 Tutorial - 2D                                   | 9781630574383 | SDC       | \$60.00           | Approximate         |
| Practical Problems Math - CAD                                | 9781111316808 | Cengage   | \$100.00          | Approximate         |
| SolidProfessor Voucher                                       |               | Pearson   | \$175.00          | Approximate         |
| AutoCAD Certified User Exam w/retake                         |               | Pearson   | \$125.00          | Approximate         |
| TI-30Xa Calculator   |               |           | \$15.00           | Approximate         |
| Jump Drive   |               |           | \$35.00           | Approximate         |
| <b>Total Tuition and Fees</b>                                |               |           | <b>\$2,068.00</b> |                     |
| <b>Second Term</b>   |               |           |                   | <b>432 Hours</b>    |
| Tuition  |               |           | \$1,290.00        | Due at Registration |
| Student Activity Fee   |               |           | \$10.00           | Due at Registration |
| Technology Fee   |               |           | \$73.00           | Due at Registration |
| Parametric Modeling with Solidworks 2021                     | 9781630574048 | SDC       | \$60.00           | Approximate         |
| <b>Total</b>   |               |           | <b>\$1,433.00</b> |                     |
| <b>Third Term</b>  |               |           |                   | <b>432 Hours</b>    |
| Tuition  |               |           | \$1,290.00        | Due at Registration |
| Student Activity Fee   |               |           | \$10.00           | Due at Registration |
| Technology Fee   |               |           | \$73.00           | Due at Registration |
| AutoDesk Certified Professional w/retake                     |               | Pearson   | \$170.00          | Approximate         |
| <b>Total</b>   |               |           | <b>\$1,543.00</b> |                     |
| <b>Fourth Term - Architectural Design</b>                    |               |           |                   | <b>432 Hours</b>    |
| Tuition  |               |           | \$1,290.00        | Due at Registration |
| Student Activity Fee   |               |           | \$10.00           | Due at Registration |
| Technology Fee   |               |           | \$73.00           | Due at Registration |
| Architecture Residential & Design 12th Ed.                   | 9781619601840 | G-W       | \$140.00          | Approximate         |
| Autodesk Revit 2020  | 9781630572563 | SDC       | \$60.00           | Approximate         |
| Building Construction: Principles, Materials, & Systems      | 9780134454177 | Pearson   | \$200.00          | Approximate         |
| Truss Roof Building Kit                                      | 104-MID551    | AC Supply | \$200.00          | Approximate         |
| Graduation Set   |               |           | \$45.00           | Approximate         |
| <b>Total</b>   |               |           | <b>\$2,018.00</b> |                     |
| <b>Fourth Term -Mechanical Design</b>                        |               |           |                   | <b>432 Hours</b>    |
| Tuition  |               |           | \$1,290.00        | Due at Registration |
| Student Activity Fee   |               |           | \$10.00           | Due at Registration |
| Technology Fee   |               |           | \$73.00           | Due at Registration |
| Graduation Set   |               |           | \$45.00           | Approximate         |
| <b>Total</b>   |               |           | <b>\$1,418.00</b> |                     |
| <b>Total Estimated Program Cost for Architectural Design</b> |               |           |                   | <b>\$7,062.00</b>   |
| <b>Total Estimated Program Cost for Mechanical Design</b>    |               |           |                   | <b>\$6,462.00</b>   |

Updated: 8/8/2023