## COST SHEET

1st Trimester

Tuition $1,487.00

Boots …$150.00

NIMS Registration/ Testing Fees …$125.00

Uniforms

|  |  |
| --- | --- |
| Item | Bookstore Cost |
| 5 Uniform Tops  | $200.00 |
| TAX | $15.60 |
| TOTAL | $215.60 |

Book Cost

|  |  |  |
| --- | --- | --- |
| Book Title | ISBN | Bookstore Cost |
| Tooling U-SME 480-day All Access Subscription | TU480-dayTCATHarriman | $487.50 |
| Immerse2Learn Total Machinist 78 week subscription | Total Machinist | $225.00 |
|  | TOTAL | $712.50 |

Tool Cost

|  |  |  |
| --- | --- | --- |
| Qty | Item | Bookstore Cost |
| 1 | Safety Clear Glasses | $6.25  |
| 1 | Insize 1311-6 - 6" - Dial Caliper | $103.68  |
| 1 | INSIZE MIC 1" 0.0001 | $65.39  |
| 1 | 22 Pieces-0.050"-3/8" & 1.5 mm-10 mm Hex Key Set | $41.38  |
| 1 | 1 lb Deadblow Hammer  | $32.68  |
| 1 | ProCut 29 Pc. HSS Jobber Drill Set | $91.85  |
| 1 | Parallel Set 9 Piece Set- ¼” Thickness-1/8" Increments-3/4" to 1 3/4 | $131.31  |
| 1 | B&S Edge Finder SNGL 3/8 x .200”  | $27.50  |
| 1 | US GENERAL 30" 5 drawer Tool Cart | $387.49  |
|  | TAX | $69.23  |
|  | TOTAL | $956.74  |

**1st Trimester Cost $3,646.84**

2nd Trimester

Tuition $1,487.00

Book Cost

|  |  |  |
| --- | --- | --- |
| Book Title | ISBN | Bookstore Cost |
| Machinery's Handbook Toolbox, 32nd Ed | 9780831137328 | $191.19 |
|  | TOTAL | $191.19 |

Tool Cost

|  |  |  |
| --- | --- | --- |
| Qty | Item | Bookstore Cost |
| 1 | INSIZE DEPTH MICROMETER FLAT TIPS BASE LGTH 4" 0-1" | $125.70  |
| 4 | 1/2 × 1/2 × 4" HSS - Square Tool Bit | $54.00  |
| 1 | Shaviv Set E with Mango II Handle | $22.15  |
| 1 | INSIZE DIAL TEST INDICATOR BEZEL DIAM | $129.96  |
|   | 1.18" W/ TWO HOLDINGS |   |
| 1 | E-Z Read Black Chrome Flexible Scale 1/2 x 6" | $13.10  |
|   | Length-5R Graduation |   |
| 1 | Machinist Calc Pro Machining Calculator | $112.44  |
| 1 | Machinists Clamping Set  | $123.75  |
|   | 1/2"–13 Stud Size; 5/8" T-Slot Size |   |
| 1 | K3 Chuck Key | $14.48  |
|  | TAX | $43.30  |
|  | TOTAL | $638.87  |

**2nd Trimester Cost $2,317.06**

3rd Trimester

Tuition ...$1,487.00

**3rd Trimester Cost $1,487.00**

4th Trimester

Tuition …$1,487.00

**4th Trimester Cost $1,487.00**

**Total Program Cost $8,937.90**

*Taxes will be charged on tools and other supplies according to the Tennessee Department of Treasury.*

*\*Students who order tools through the bookstore will be assessed a mark-up to cover the cost of shipping, stocking, and handling.*

*This list of fees covers the period from September 1, 2025, to August 31, 2026.* ***All book, tool, and supply costs are approximate and are subject to change****. The actual time for completion may vary from student to student.*

*The TCAT-Harriman is an AA/EEO employer and does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. TCAT-Harriman is a TBR/EEO/AA/ADA Institution.*

**COURSE OUTLINE**

**1st Trimester**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Name** | **Customary Hours** |
| MTT-0001 | Worker Characteristics | 6 |
| MTT-1010 | Technology Foundation | 30 |
| MTT-1020 | Orientation & Practical Safety | 30 |
| MTT-1030 | Math Concepts I | 54 |
| MTT-1040 | Engineering Drawings I | 36 |
| MTT-1050 | Shop Theory I | 54 |
| MTT-1060 | Bench Work & Manual Machine Tools | 222 |
|  | **Total** | 432 |
|  | ***Production Machine Tender Certificate*** |  |

**2nd Trimester**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Name** | **Customary Hours** |
| MTT-0002 | Worker Characteristics | 6 |
| MTT-2010 | Math Concepts II | 54 |
| MTT-2020 | Engineering Drawings II CAD | 30 |
| MTT-2030 | Shop Theory II | 54 |
| MTT-2040 | Manual Lathe | 96 |
| MTT-2050 | Manual Milling Machine | 96 |
| MTT-2060 | Grinding & Abrasive Machines | 32 |
| MTT-2070 | Manufacturing Materials & Processes | 32 |
| MTT-2080 | Introduction to Computer Numerical Control | 32 |
|  | **Total** | 432 |
|  | ***Machine Set-up Operator Certificate*** |  |

**3rd Trimester**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Name** | **Customary Hours** |
| MTT-0003 | Worker Characteristics | 6 |
| MTT-3010 | Engineering Drawings III CAM | 30 |
| MTT-3020 | Shop Theory III | 60 |
| MTT-3030 | Precision Grinding | 54 |
| MTT-3040 | Computer Numerical Control Machining | 282 |
|  | **Total** | 432 |
|  | ***General Machinist Diploma*** |  |

**4th Trimester**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Name** | **Customary Hours** |
| MTT-0005 | Worker Characteristics | 6 |
| MTT-4010 | Employability Skills | 12 |
| MTT-4020 | Intro to Additive Manufacturing  | 36 |
| MTT-4030 | Shop Theory IV | 54 |
| MTT-4040 | CNC Turning Center | 108 |
| MTT-4050 | CNC Machining Center | 108 |
| MTT-4060 | Electrical Discharge Machining | 108 |
|  | **Total** | 432 |
|  | ***Machinist 1 Diploma*** |  |