COST SHEET

1st Trimester

Tuition $1,487.00

HVA Fee $100.00

Boots $150.00

Uniforms

|  |  |
| --- | --- |
| Item | Bookstore Cost |
| 2 Uniform Tops | $80.00 |
| TAX | $6.24 |
| TOTAL | $86.24 |

Book Cost

|  |  |  |
| --- | --- | --- |
| Book Title | ISBN | Bookstore Cost |
| Core: Introduction to Basic Construction Skills with NCCERConnect Access Code Card | 9780137474592 | $116.24 |
| NCCERConnect with Pearson eText- Access Card - for HVAC Level 1 | 9780135187036 | $93.74 |
| NCCERConnect HVAC Level 1 Textbook *(Optional)* | 9780135187094 | $93.74 |
|  | TOTAL | $303.72 |

Tool Cost

|  |  |  |
| --- | --- | --- |
| Quantity | Tool | Bookstore Cost |
| 1 | Tools-Tool Kit 28-piece | $518.75 |
| 1 | Tools- Multi-Bit Screwdriver and Nut Driver Set 3-piece | $37.48 |
| 1 | Tools- Extra Capacity Adjustable Wrenches, 3-Piece | $49.98 |
| 1 | Fieldpiece SC260 | $210.59 |
| 1 | Tools Knit Dipped Gloves, Cut Level A2 | $22.48 |
|  | TAX | $65.46 |
|  | TOTAL | $904.72 |

Testing Costs

|  |  |  |  |
| --- | --- | --- | --- |
| Test | | | Bookstore Cost |
| OSHA 10 | | | $59.00 |
| EPA-608 | | | $31.82 |
| NCCER Core Testing | | | $45.00 |
| NCCER HVAC Level 1 Testing | | | $45.00 |
|  | TOTAL | $180.82 |

**1st Trimester Cost $3,212.50**

2nd Trimester

Tuition $1,487.00

HVA Fee $100.00

Uniforms

|  |  |
| --- | --- |
| Item | Bookstore Cost |
| 2 Uniform Tops | $80.00 |
| TAX | $6.24 |
| TOTAL | $86.24 |

Book Cost

|  |  |  |
| --- | --- | --- |
| Book Title | ISBN | Bookstore Cost |
| HVAC L2 TRG V5 & NCCERCONN 2.00 | 9780135393918 | $166.24 |
|  | TOTAL | $166.24 |

Tool Cost

|  |  |  |
| --- | --- | --- |
| Quantity | Tool | Bookstore |
| 1 | Valve Core Tool Kit: 3 1/6 in Lg, Brass | $6.78 |
| 1 | Inspection Mirror: 1 1/4 in Dia Mirror Size, Mirr. Mat. Glass, Mirr. Shp. Round | $11.74 |
| 1 | Hand Ratchet: alloy Steel Chrome, 3 1/16 in\_5/16 in Head Size, 5 1/2 in Overall LG, Std | $48.80 |
| 1 | Hose: 14 in Lg, Blue/ Red/ Yellow, 3 Hoses, Ball Valve | $276.99 |
| 1 | Tubing Cutter: 3/16 in - 1 3/16 in OD Cutting Capacity, Enclosed Feed Std Wheel Cutter, 31622 | $58.36 |
| 1 | Tubing Cutter: 1-4 in - 1 in OD Cutting Capacity, Auto Feed, 7 in Tool Lg, Cutting Wheel | $36.78 |
| 1 | Tubing Cutter: 1/16 in - 1/11/16 in OD Cutting Capacity, Ratcheting Shear, 9 in Tool Lg | $42.04 |
| 1 | Manifold Gauge: 4 Valves, 0 Hoses, Series Titan, 3 1/8 in Gauge | $281.56 |
| 1 | Hose: 6 ft Lg, 30" Angle, Black, Rubber, Single Hose, Shut-Off Valve | $46.66 |
| 1 | Flaring and Swaging Tool: Single 45 Degree, 3/4 in tube Flaring Size, Self-Centering | $305.53 |
|  | TAX | $86.99 |
|  | TOTAL | $1202.21 |

Testing Costs

|  |  |  |
| --- | --- | --- |
| Test | | Bookstore Cost |
| NCCER Level 2 Testing | | $60.00 |
|  | TOTAL | $60.00 |

**2nd Trimester Cost $3,101.69**

3rd Trimester

Tuition $1,487.00

HVA Fee $100.00

Uniforms

|  |  |
| --- | --- |
| Item | Bookstore Cost |
| 2 Uniform Tops | $80.00 |
| TAX | $6.24 |
| TOTAL | $86.24 |

Book Cost

|  |  |  |
| --- | --- | --- |
| Book Title | ISBN | Bookstore Cost |
| HVAC L3 TRG V5 & NCCERCONN 2.0 | 9780135393765 | $166.24 |
|  | TOTAL | $166.24 |

Testing Costs

|  |  |  |
| --- | --- | --- |
| Test | | Bookstore Cost |
| NCCER Level 3 Testing | | $65.00 |
|  | TOTAL | $65.00 |

**3rd Trimester Cost $1,904.48**

4th Trimester

Tuition $1,487.00

HVA Fee $100.00

Uniforms

|  |  |
| --- | --- |
| Item | Bookstore Cost |
| 2 Uniform Tops | $80.00 |
| TAX | $6.24 |
| TOTAL | $86.24 |

Book Cost

|  |  |  |
| --- | --- | --- |
| Book Title | ISBN | Bookstore Cost |
| HVAC L4 TRG V5 & NCCER 2.0 | 9780135393772 | $166.24 |
|  | TOTAL | $166.24 |

**4th Trimester Cost $1,839.48**

**Total Program Cost $10,058.15**

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

*\*Students who need assistance from the college on ordering 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** |
| HVA 0001 | Worker Characteristic | 6 |
| HVA 1010 | Technology Foundations | 30 |
| HVA 1020 | OSHA | 10 |
| HVA 1030 | Shop Safety | 24 |
| HVA 1040 | Refrigeration Fundamentals | 100 |
| HVA 1050 | Tools Equipment & Shop Practices | 30 |
| HVA 1060 | Electricity and Controls I | 130 |
| HVA 1070 | Installation | 76 |
| HVA 1080 | Green Awareness | 14 |
| HVA 1090 | Employment Readiness Exam | 12 |
|  | **Total** | 432 |
|  | ***HVAC Mechanic Assistant Certificate*** |  |

**2nd Trimester**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Name** | **Customary Hours** |
| HVA 0002 | Worker Characteristics | 6 |
| HVA 2010 | Introduction to System Service | 134 |
| HVA 2020 | Basic Automatic Controls | 160 |
| HVA 2030 | Motors | 60 |
| HVA 2040 | Domestic Appliances | 30 |
| HVA 2050 | EPA | 30 |
| HVA 2060 | Employment Readiness Exam | 12 |
|  | **Total** | 432 |
|  | ***Domestic Unit Repairer Certificate*** |  |

**3rd Trimester**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Name** | **Customary Hours** |
| HVA 0003 | Worker Characteristics | 6 |
| HVA 3010 | Gas Electric and Heat | 180 |
| HVA 3020 | Air Conditioning (Cooling) | 72 |
| HVA 3030 | Heat Pumps | 108 |
| HVA 3040 | Carbon Monoxide | 36 |
| HVA 3050 | All Weather Systems Exam | 30 |
|  | **Total** | 432 |
|  | ***Heating, Ventilation, and Air Conditioning Technician Diploma*** |  |

**4th Trimester**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Name** | **Customary Hours** |
| HVA 0004 | Worker Characteristics | 6 |
| HVA 4010 | Electricity and Controls II | 156 |
| HVA 4020 | Commercial Refrigeration | 252 |
| HVA 4030 | Employment Readiness Exam | 18 |
|  | **Total** | 432 |
|  | ***Heating, Ventilation, Air Conditioning, and Refrigeration Technician Diploma*** |  |