COST SHEET

1st Trimester

Tuition $1,487.00

RIE Fee $100.00

Boots $150.00

Uniforms

|  |  |
| --- | --- |
| Item | Bookstore Cost |
| 4 Uniform Tops  | $160.00 |
| TAX | $12.48 |
| TOTAL | $172.48 |

Book Cost

|  |  |  |
| --- | --- | --- |
| Book Title | ISBN | Bookstore Cost |
| Cengage Unlimited Multi-term (12 months) Printed Access Card | 978-0-357-70004-4 | $287.49 |
| Core: Introduction to Basic Construction Skills with NCCERConnect Access Code Card | 9780137474592 | $116.24 |
| Gardener Bender Ugly's Electrical References- Revised 2020 Edition Electrical Book | 1449690777 | $28.73 |
| NFPA 70, National Electrical Code (NEC) Handbook | SKU: 70HB26 | $329.63 |
|  | TOTAL | $ 762.08  |

Tool Cost

|  |  |  |
| --- | --- | --- |
| Quantity | Tool | Bookstore Cost |
| 1 | H80718 STRAIGHT-CLAW HAMMER | $26.23 |
| 1 | 32500 11 IN 1 SCR-DRVE/NUTDRIVER | $20.68 |
| 1 | D213-9NE 9-IN SIDE CUT PLIERS | $37.59 |
| 1 | K11095 WIRE STRIPPER/ CUTTER | $22.04 |
| 1 | 9125 25FT TAPE MEASURE | $20.99 |
| 1 | 44302 FOLDING UTILITY KNIFE | $21.46 |
| 1 | D502-10 10-IN PUMP PLIERS | $28.38 |
| 1 | CL120KIT ELECTRICAL TEST KIT W/CLAMP METER GFI TESTER & LINE SPLITTER | $95.14 |
| 1 | 85191 SCREWDRIVER CONDUIT | $38.28 |
| 1 | 935AB4V ACC-BEND 4 VIAL LEVEL | $31.50 |
| 1 | 554158\*14 TRADESMAN PRO ORGANIZER 8IN TOTE | $86.88 |
| 1 | 51606 1/2IN EMT ALUMINUM CONDUIT BENDER WITH ANGLE SETTER | $41.99 |
| 1 | 702-12 12IN HACKSAW FRAME | $32.95 |
| 1 | 120V SNAP-ON CIRCUIT BREAKER LOCKOUT | $9.16 |
| 1 | PLUG LOCKOUT DEVICE FOR 220V PLU LOCKOUTS, 220 VOLT POWER CORD LOCKOUT | $18.23 |
| 1 | MASTER LOCK RED LOCKOUT TAGOUT SAFETY PADLOCK WITH KEY, METAL SHACKLE AND NON-CONDUCTIVE LOCK BODY FOR ELECTRICAL APPLICATIONS  | $18.40 |
| 1 | MAST LOCK 417 LOCKOUT TAGOUT SFETY HASP, RED | $12.49 |
| 1 | ACCUFORM LOCKOUT TAGS, PACK OF 5, DANGER DO NOT OPERATE EQUIPMENT LOCKED OUT | $3.40 |
| 1 | UNIVERSAL MULTI-POLE BREAKER LOCKOUT-66321, RED | $15.35 |
|  | TAX | $45.33 |
|  | TOTAL | $626.43 |

Testing Costs

|  |  |
| --- | --- |
| Test | Bookstore Cost |
| OSHA 10 | $59.00 |
| NCCER Testing  | $50.00 |
| CPR/ First Aid Certification |  | $32.50 |
|  | TOTAL | $141.50 |

**1st Trimester Cost $3,439.49**

2nd Trimester

Tuition $1,487.00

RIE Fee $100.00

Book Cost

|  |  |  |
| --- | --- | --- |
| Book Title | ISBN | Bookstore Cost |
| NCCERconnect with Pearson eText Card Electrical Level 1 | 9780137310623 | $131.24 |
|  | TOTAL | $131.24 |

Tool Cost

|  |  |  |
| --- | --- | --- |
| Quantity | Tool | Bookstore Cost |
| 1 | D228-8 8-IN DIAG CUT PLIERS | $32.09 |
| 1 | 507-10 10-IN ADJ WRENCH | $40.89 |
| 1 | 63225 CABLE CUTTER | $35.49 |
| 1 | 48-32-4010 54PC SHOCKWAVE IMPACT DUTY DRIVER BIT SET | $37.49 |
| 1 | 70550 PRO FOLDING HEX KEY SET-11 PIECE | $20.39 |
| 1 | 85445 SCREWDRIVER SET | $33.74 |
| 1 | 32314 14-IN-1 PRECISION SCREWDRIVER/ NUT DRIVER | $16.79 |
| 1 | 56333 STEEL FISH TAPE 1/8 INCH X 120 FT | $61.86 |
| 1 | 2691-22 18V DRL/MPCT DRL COME | $273.75 |
|   | TAX | $43.09 |
|  | TOTAL  | $595.57 |

Testing Costs

|  |  |
| --- | --- |
| Test | Bookstore Cost |
| NCCER Testing  | $40.00 |
|  | TOTAL | $40.00 |

**2nd Trimester Cost $2,353.81**

3rd Trimester

Tuition $1,487.00

RIE Fee $100.00

Testing Costs

|  |  |
| --- | --- |
| Test | Bookstore Cost |
| NCCER Core Testing  | $20.00 |
| EPA-608 | $31.82 |
| Limited Licensed Electrician (LLE) | $107.00 |
|  | TOTAL | $158.82 |

**3rd Trimester Cost $1,745.82**

4th Trimester

Tuition $1,487.00

RIE Fee $100.00

**4th Trimester Cost $1,587.00**

**Total Program Cost $9.126.12**

*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** |
| RIE 0001 | Worker Characteristics | 6 |
| RIE 1010 | Electric Safety & Orientation | 60 |
| RIE 1020 | Technology Foundations | 24 |
| RIE 1030 | DC Circuits | 130 |
| RIE 1040 | AC Circuits | 132 |
| RIE 1050 | Conduit Bending & Raceways | 80 |
|  | **Total** | 432 |
|  | *Electrician Helper Certificate* |  |

**2nd Trimester**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Name** | **Customary Hours** |
| RIE 0002 | Worker Characteristics | 6 |
| RIE 2010 | Residential Wiring I | 106 |
| RIE 2020 | Residential Wiring II | 106 |
| RIE 2030 | Residential Wiring III | 106 |
| RIE 2040 | Residential Wiring IV | 108 |
|  | **Total** | 432 |
|  | *Residential Apprentice Certificate* |  |

**3rd Trimester**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Name** | **Customary Hours** |
| RIE 0003 | Worker Characteristics | 6 |
| RIE 3010 | Commercial/Industrial Wiring I | 110 |
| RIE 3020 | Commercial/Industrial Wiring II | 110 |
| RIE 3030 | Commercial/Industrial Wiring III | 110 |
| RIE 3040 | Motor Controls | 96 |
|  | **Total** | 432 |
|  | *Construction Electrician Diplo* |  |

**4th Trimester**

|  |  |  |
| --- | --- | --- |
| **Course Code** | **Course Name** | **Customary Hours** |
| RIE 0004 | Worker Characteristics | 6 |
| RIE 4010 | Motor Controls II | 120 |
| RIE 4020 | Intermediate PLC's  | 120 |
| RIE 4030 | Advanced PLC's and Robotics | 186 |
|  | **Total** | 432 |
|  | *Residential=Commercial-Industrial Electricity Diploma* |  |