



## TCAT Upper Cumberland Cost Sheet 2026-2027

### Heating, Ventilation, Air Conditioning and Refrigeration-HVA

The mission of the Heating, Ventilation, Air-Conditioning and Refrigeration program is to provide the highest quality technical training and job skills for area residents, industrial institutions and also individual training needs, including those persons already employed in this field. The heating, ventilation, Air Conditioning and Refrigeration program is an individual program that prepares individuals to work in a variety of jobs in the field of residential and light commercial air conditioning and refrigeration.

Program Outcomes: Upon completion of the program, graduates are prepared to troubleshoot, repair, and maintain residential and commercial refrigeration; air conditioning; heat pumps; humidifiers; and electrical and gas heating. Graduates also understand the fundamentals of electricity, electric motors, and controls. Graduates of the program will be able to install and braze refrigeration tubing, diagnose electrical problems; install duct systems; repair light commercial equipment; recover air conditioning and refrigeration refrigerants; locate and repair leaks.

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

| <b>First Term</b>                                                                                     |                   | <b>432 Hours</b>    |
|-------------------------------------------------------------------------------------------------------|-------------------|---------------------|
| Tuition                                                                                               | <b>\$1,446.00</b> | Due at Registration |
| Student Activity Fee                                                                                  | <b>\$10.00</b>    | Due at Registration |
| Technology Fee                                                                                        | <b>\$85.00</b>    | Due at Registration |
| HVA Fee                                                                                               | <b>\$100.00</b>   | Due at Registration |
| OSHA 10                                                                                               | <b>\$75.00</b>    |                     |
| *Modern Refrigeration and Air Conditioning Textbook & Lab Manual 22e 9798891181779                    | <b>\$240.00</b>   | Approximate         |
| Electrical Competency Test                                                                            | <b>\$25.00</b>    |                     |
| PA Exam Prep Manual Section 608 9th Edition                                                           | <b>\$13.00</b>    | Approximate         |
| Tool Kit                                                                                              | <b>\$1,600.00</b> | Approximate         |
| <b>Total Tuition and Fees</b>                                                                         | <b>\$3,594.00</b> |                     |
| <b>Second Term</b>                                                                                    |                   | <b>864 Hours</b>    |
| Tuition                                                                                               | <b>\$1,446.00</b> | Due at Registration |
| Student Activity Fee                                                                                  | <b>\$10.00</b>    | Due at Registration |
| Technology Fee                                                                                        | <b>\$85.00</b>    | Due at Registration |
| HVA Fee                                                                                               | <b>\$100.00</b>   | Due at Registration |
| EPA Exam                                                                                              | <b>\$30.00</b>    |                     |
| Air Conditioning Competency Test                                                                      | <b>\$25.00</b>    |                     |
| <b>Total</b>                                                                                          | <b>\$1,696.00</b> |                     |
| <b>Third Term</b>                                                                                     |                   | <b>1296 Hours</b>   |
| Tuition                                                                                               | <b>\$1,446.00</b> | Due at Registration |
| Student Activity Fee                                                                                  | <b>\$10.00</b>    | Due at Registration |
| Technology Fee                                                                                        | <b>\$85.00</b>    | Due at Registration |
| HVA Fee                                                                                               | <b>\$100.00</b>   | Due at Registration |
| Heat Pump Competency Test                                                                             | <b>\$25.00</b>    |                     |
| <b>Total</b>                                                                                          | <b>\$1,666.00</b> |                     |
| <b>Fourth Term</b>                                                                                    |                   | <b>1728 Hours</b>   |
| Tuition                                                                                               | <b>\$1,446.00</b> | Due at Registration |
| Student Activity Fee                                                                                  | <b>\$10.00</b>    | Due at Registration |
| Technology Fee                                                                                        | <b>\$85.00</b>    | Due at Registration |
| HVA Fee                                                                                               | <b>\$100.00</b>   | Due at Registration |
| Gas Heat Competency Test                                                                              | <b>\$25.00</b>    |                     |
| <b>Total</b>                                                                                          | <b>\$1,666.00</b> |                     |
| <b>Total Program Cost</b>                                                                             | <b>\$8,622.00</b> |                     |
| <b>Total Estimated Program Cost for HVAC Mechanic Assistant Certificate 432 Hours</b>                 | <b>\$3,594.00</b> |                     |
| <b>Total Estimated Program Cost for Domestic Unit Repair Certificate 864 Hours</b>                    | <b>\$5,290.00</b> |                     |
| <b>Total Estimated Program Cost for Heating Ventilation &amp; Air Conditioning Technician Diploma</b> | <b>\$6,956.00</b> |                     |
| <b>Total Estimated Program Cost for HVAC &amp; Refrigeration Technician</b>                           | <b>\$8,622.00</b> |                     |

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Updated:7.1.2026