**Program Overview**

Mid-Del Technology Center offers full-time career pathways to high school juniors, seniors and adults. Courses are offered from 7:45a.m.– 10:30 a.m. and 11:20 a.m.– 2:00 p.m. Monday through Friday. Adults can choose to attend either the AM, PM or both sessions depending on availability. Students are encouraged to begin the program in August and complete in May. Adult students will take the Accuplacer entrance exam before being considered for a program. Students may request accommodations for testing through the Student Services office. Please see page 2 for tuition, fees, and other financial information.

HVAC is designed to prepare individuals for job ready employment as an entry-level HVAC technician. Further employment and study in the HVAC field may possibly lead to a licensed journeyman HVAC technician. This career major is an introduction to heating and air-conditioning and, exploring career opportunities in the HVAC industry, personal safety and work practices, and personal protective equipment. Students will be instructed in the proper handling of pressurized fluids, handling hazardous substances, hand and power tools, and equipment used to test and service air conditioning. Students have the opportunity to earn up to 1 year of credit towards Apprenticeship time with the Oklahoma Construction Industries Board. For further information check the CIB website Title 158, Subchapter 9.

**Career Major Details – 1000 Hours**

Introduction to HVACR: Safety, Tools, & Equip.

Principles of Thermodynamics and Heat Transfer

Piping and Piping Practices

Electricity for HVAC/R

HVAC/R Solid State Electronics

Refrigerant System Components

Air Conditioning Systems

Refrigerants and Lubricants

HVAC/R Controls

Refrigerant Recovery

Refrigerant Retrofits

Heating Systems

Air Handling

HVAC/R System Installation and Start-Up (Residential)

Indoor Air Quality

Workforce Staging

HVAC/R Preventive Maintenance

HVAC/R Codes, Regulations, and Standards

Professional Service

HVAC/R System Servicing and Troubleshooting-Residential

Load Calculations

Heat Pumps

**Entrance Requirements:** Accuplacer Arithmetic and Reading scores above 236. **Competencies/Certifications:** HVACR Technician, EPA Section 608 Technician

**Career Tech Student Organization (CTSO):** SkillsUSA

**Potential Salary Range:** $14.00-$22.00 per hour

**For financial assistance go to:**  www.fafsa.ed.gov

**Instructor:** Jim Hudson (405) 739-1707 ext. 6354**,** [jhudson@mid-del.net](mailto:jhudson@mid-del.net)

**Career Advisor:** Melissa Poole (405) 739-1707, ext. 6320, mpoole@mid-del.net

**Financial and Payment Information**

* **Enrollment Fee** $100.00 To secure enrollment; applied to Semester Supply Fee
* **Entrance Exam** $20.00 Due at the time of testing
* **Tuition** $3,000.00
* **Semester Supply Fee** $250.00 Full-time Enrollment$125.00 Part-time Enrollment
* **Curriculum/Textbook** $195.00
* **Supplies** $5.00 Safety Glasses

$20.00-100.00 Closed Toed Shoes – (*student supplied)*

* **Certification** $25.00 OSHA 10   
   $25.00 EPA Section 608 Technician Certification – (*optional*)
* **Licensure** $25.00 Oklahoma Mechanical Apprentice License – (*optional*)
* **CTSO Dues** $20.00 SkillsUSA – (*optional)*

**Total Minimum Cost $3,765.00**

**The following is important information for all students enrolling at MDTC. Please read carefully:**

* Students must be enrolled in a career major containing at least 600 hours to use federal financial aid as a payment source. Determine your eligibility status by applying at www.fafsa.gov
* This program is approved for the use of Veteran’s Benefits.
* Workforce and Tribal funds are accepted as approved by your organization representative.
* Students who do not qualify for the PELL grant, scholarships, Workforce, etc. are obligated to pay for the tuition, books and supply fees using cash, money order, or credit card.

**Payment Plan:** Payments are due by the 10th of each month.

* Payments will be divided into 8 equal payments per year of attendance with the first payment due Sept 10th or Jan 10th, depending on the date you start the program.
* A late fee of $100.00 will be applied for payments not received by the 10th of the month.
* All accounts must have a $0 balance before completing the program.
* Students with an outstanding balance WILL NOT be allowed to take Certification Exams.
* Please see the student handbook for more information.

**\*Curriculum/Textbook Information:**

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| --- | --- | --- | --- |
| Book Title | Publisher | ISBN# | Cost |
| Refrigeration & Air Conditioning Technology 8th Ed. (Text) | Cengage | 9781305578296 | $140.00 |
| Refrigeration & Air Conditioning Technology 8th Ed. (Lab Manual) | Cengage | 9781305578708 | $55.00 |
| **TOTAL** |  |  | **195.00** |

*\*Prices subject to change*