

Mobile HVAC 2-Day Class

Class Description

This two-day class covers basics and advanced concepts of mobile air conditioning and climate control systems on various vehicles. Technicians will learn how to use and maintain recovery equipment, refrigerant identifiers (If Available), and leak detection equipment in hands-on activities. Technicians learn climate control operation, troubleshooting techniques, and repair procedures necessary to diagnose and repair various types of HVAC systems. If requested the class can include preparation and testing for MVAC 609 certification.

Tools and Equipment:

Classroom, Digital Projector, Tool cart/Shop Table, Scantool, 2 Trucks DD Engine, Basic Handtools, 5 DVOM and Safety Classes

Expected Outcomes:

Upon completion of the class, the technician should be able to:

- Demonstrate knowledge of HVAC system components/operation
- Demonstrate proper use of AC tools and equipment
- Demonstrate proper servicing and repair procedures
- Demonstrate knowledge of new technologies in the AC system
- Read and interpret pressure gauges for diagnostics
- Diagnose and repair electrical controls for the AC system



Instructed by:
Keith Littleton

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AGENDA

Day 1:

8:00am - 10:00am - HVAC System Operation

10:00am - 10:30pm - Tool and Equipment Setup/Operation (Shop/Classroom)

10:30am - 12:00pm - Pressure Gauge Troubleshooting (Shop/Classroom)

12:00pm - 12:45pm - Lunch

12:45pm - 3:00pm - Repair procedures (Shop/Classroom)

3:15pm - 5:00pm - Repair procedures worksheet (Shop)

Day 2:

8:00am - 9:00am - Diagnosing HVAC System controls

9:15am - 12:00pm - Diagnostic Worksheets (Shop)

12:00pm - 12:45pm - Lunch

12:45pm - 3:00pm - Hands-On Assessment (Shop)

3:15pm - 4:00pm - Refrigerant Certification Review

4:00pm - 5:00pm - Refrigerant Certification Test