

# SPLIT SYSTEM TRAINING OUTLINE

- Bus Introduction
- Bus Skills Inventory
  - Quiz
- Fundamentals of Refrigeration
  - Basic Refrigeration
  - P/T Chart
  - 4 Component Diagram
- Basic Split System Refrigerant Flow
  - Split System Piping
  - “Rule of Thumb” for System Pressures
- Manifold Gauge Set
  - Preparing
  - Installation/Removal
- Bus Basic Electrical
  - Basic Circuits and Components
  - Using a Multimeter
  - Hands On
- Split System Operation/Maintenance (Covers:)
  - Electrical Schematics
  - System Controls
    - Hands On
  - Preventative Maintenance

# TRANSIT/INTER-CITY BUS TRAINING OUTLINE

- Bus Introduction
- Bus Skills Inventory
  - Quiz
- Fundamentals of Refrigeration
  - Basic Refrigeration
  - P/T Chart
  - 4 Component Diagram
- Basic Split System Refrigerant Flow
  - Transit/Inter-City Piping Diagrams
  - “Rule of Thumb” for System Pressures
- Refrigeration Valves
  - Compressor Service Valves
  - King Valves
- Manifold Gauge Set
  - Preparing
  - Installation/Removal
  - System Low Side Pumpdown
- Basic Electrical
  - Basic Circuits and Components
  - Using a Multimeter
  - Hands On
- System Operation
  - Electrical Schematics
  - System Controls
    - Hands On (Simulators)

## **TRANSIT/INTER-CITY BUS TRAINING OUTLINE**

- System Operation (Continued)
  - Unloader Operation
  - Thermal Expansion Valve
    - Operation
    - Superheat
- General Maintenance
  - Refrigerant Recovery
  - Evacuation/Dehydration
  - Common Problems and Solutions