

## HVAC II Pacing Guide

- I. First Nine Weeks
  - a. Classroom
    - i. Safety
      - 1. Review and Retest
    - ii. Electrical Review
      - 1. Schematic Symbols
      - 2. Diagram Creation
      - 3. Print Reading
      - 4. Component Descriptions
  - b. Shop
    - i. Troubleshooting and Diagnosis
    - ii. Unit Build (Heat Pump/Gas Furnace)
      - 1. Compressor Replacement Exercise
- II. Second Nine Weeks
  - a. Classroom
    - i. 410A Safety Certification
  - b. Shop
    - i. 410A Unit Build
    - ii. Troubleshooting and Diagnosis
    - iii. V-belt exercise
- III. Third Nine Weeks
  - a. Classroom
    - i. Load Calculations
    - ii. Duct Sizing
    - iii. Gas Pipe Sizing
  - b. Shop
    - i. Combustion Analyzer Exercise
    - ii. Manometer Exercise
    - iii. Troubleshooting and Diagnosis
- IV. Fourth Nine Weeks
  - a. Classroom
    - i. Senior Project
  - b. Shop
    - i. Senior Project
    - ii. Creating Troubleshooting Problems for first year students