

iCONNECT TRAINING'S BASIC REFRIGERATION FUNDAMENTALS CURRICULUM

1 PRACTICE SAFE WORK HABITS

- OSHA Regulations
- Safe refrigerant handling practices
- Safe use of a portable fire extinguisher

2 DEMONSTRATE KNOWLEDGE OF REFRIGERATION SCIENCE

- Matter & Energy
- Thermodynamics
- P/T Relationships
- Refrigerants

3 COMFORT CONDITIONS AND TYPES OF COOLING SYSTEMS

- Comfort Conditions
- Identifying Cooling Systems

4 EXPLAIN THE OPERATION OF THE VAPOR COMPRESSION CYCLE

- Vapor compression cycle operation
- Different refrigeration system applications

FEATURES:

- Specifically for use with the TU-805 training unit. TU-805 includes our Digital Equipment Kit with tablet and our proprietary app.
- Recommended text is *Fundamentals of HVACR, 3rd Edition*, by Carter Stanfield and David Skaves
- Delivered online – Power Point presentations, videos, lab sheets and tests are available on the website, lecture notes are sent directly to instructor.
- Lab sheets are downloadable PDF forms
- Lecture notes are emailed to instructor in PDF format
- Once assigned, the student license is 2 year access
- No minimum number of licenses per purchase
- Contact your iConnect® Training representative for pricing and package options

iCONNECT® TRAINING BASIC REFRIGERATION FUNDAMENTALS COURSE BY CARTER STANFIELD AND JASON OBRZUT, CMHE

