

HVAC CURRICULUM

NEW
PRODUCT

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:

- Written for the TU-805 trainer and included iManifold® 900C kit
- Smart device for display of iManifold® gauges is not included. The iManifold® app is a free download off the Apple or Android app store.
- Recommended text is *Fundamentals of HVACR, 3rd Edition*, by Carter Stanfield and David Skaves
- Hosted platform by Digitell - they provide technical support
- 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
- Unused student licenses will roll over until they are all assigned.
- Once assigned, the student license is 2 year access
- For our launch, there is no minimum number of licenses
- Contact your iConnect® Training representative for pricing and package options

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

