

UA Local 13 HVACR Journeyman Curriculum for 2009 – 2010 School Year

The Local 13 Training Office is once again offering HVAC Courses to Journeyworker Members of Local 13 who are interested in expanding their knowledge and skill base. Classes are offered in the Evening, and will begin at 5:00 and end at 8:30 PM.

Interested members must sign up in the Training Office, and make a commitment to attending all classes in the prescribed course of study.

Course of Study	Schedule	Instructor
<u>Level 1:</u>		
Heritage and Basic Math Review	Mondays Sept 8 th - Nov 16 th	Dave Giacalone
Thermal Dynamic Theory	Wednesdays Sep 9 th – Nov 18 th	Todd Mitchell
Basic Refrigeration Cycle	Mondays Nov 23 rd - Feb 15 th	Dave Giacalone
Tools, Equipment, Fasteners, Tubing	Wednesdays Dec 2 nd – Feb 17 th	Todd Mitchell
First Aid, and Soldering & Brazing	Mondays Feb 22 nd – May 3 rd	Dave Giacalone
Basic Electricity and Magnetism	Wednesdays Feb 24 th – May 5 th	Todd Mitchell
<u>Level 2:</u>		
CRM, Refrigerant Characteristics	Mondays Sept 8 th - Nov 16 th	Fred Costanza
Electrical Motors	Wednesdays Sep 9 th – Nov 18 th	Jim Mason
Basic Comm. Ref. (Evap and Cond)	Mondays Nov 23 rd - Feb 15 th	Fred Costanza
Electrical Controls	Wednesdays Dec 2 nd – Feb 17 th	Jim Mason
Basic Comm. Ref. (Compressors)	Mondays Feb 22 nd – May 3 rd	Fred Costanza
Automatic Control Components	Wednesdays Feb 24 th – May 5 th	Jim Mason
<u>Level 3:</u>		
Air Conditioning (Electric & Gas Heat)	Mondays Sept 8 th - Nov 16 th	Carl Colotti
Air Conditioning (Cooling)	Wednesdays Sep 9 th – Nov 18 th	Tony Vicari
Air Conditioning (Oil & Hydronic Heat)	Mondays Nov 23 rd - Feb 15 th	Carl Colotti
Air Conditioning (Controls)	Wednesdays Dec 2 nd – Feb 17 th	Tony Vicari
UA Star (Mechanical and Blueprints)	Mondays Feb 22 nd – May 3 rd	Carl Colotti
Air Conditioning (Troubleshooting)	Wednesdays Feb 24 th – May 5 th	Tony Vicari
<u>Level 4:</u>		
Intermediate Ref. (Components)	Tuesdays Sept 8 th – Nov 17 th	Dave Holub
All Weather Systems	Thursdays Sept 10 th – Nov 19 th	TBA
Intermediate Ref. (Applications)	Tuesdays Nov 24 th – Feb 16 th	Dave Holub
Heat Pumps	Thursdays Dec 3 rd – Feb 18 th	Dave Gulisano
Intermediate Ref. (Ice Machines)	Tuesdays Feb 23 rd – May 4 th	Dave Holub
Codes, Standards and CRM	Thursdays Feb 25 th – May 6 th	TBA
<u>Level 5:</u>		
Pneumatic & DDC Controls	Tuesdays Sept 8 th – Dec 15 th	Pray
Chillers & Chilled Water Systems	Thursdays Sept 10 th – Dec 17 th	Dave Gulisano
30 Hour OSHA	Tue & Thu Jan 5 th – Feb 9 th	Vendor
UA HVAC Star Review	Tuesdays Feb 16 th – May 4 th	Pray
Cooling Towers and Pumps	Thursdays Feb 11 th – May 6 th	Dave Gulisano

Note: All courses at a given level must be completed before you can advance to the next. Journeyworkers would have an opportunity to “test-out” of classes if they feel they already understand the material. We will use the Unit Review Questions from each course as the Test-out Exam.