

HEATING VENTILATION AIR CONDITIONING/ REFRIGERATION
ADVISORY MEETING, JANUARY 7, 2013

Attendees: Ben Buffum, Fontana Unified School District
Anthony Morris, San Bernardino City Unified School District
Husein Aziz, Clima-Tech Corp.
Carlos M Busselle III, Adjunct Instructor
Phillip Lawton, Kaiser Permanente
Ed Szumski, Dept. Head, Electricity/Electronics/Refrigeration
Ed Worley, Wingate Mechanical
Dave Lindeman, Arctic Mechanical (Retired)
Achala Chatterjee, Dean
Glen Kuck, Interim President

6:00 p.m. – Philip Lawton opened the meeting with introductions and invited everyone to enjoy the food. Refreshments and food were provided by Phil Lawton.

6:10 p.m. – Mr. Szumski passed around the new HVAC/R brochures showing the new course titles that will be effective with the new catalog in FALL 2013.

Introductions were followed by course scrutiny from page 194 of the current catalog. The following changes will appear in the Fall 2013 catalog:

- ✓ REFRIG 001 Refrigeration I will become HVAC/R 001 HVAC/R Fundamentals
- ✓ REFRIG 002 Refrigeration II will become HVAC/R 002 Domestic Mechanical Refrigeration
- ✓ REFRIG 003 Refrigeration III will become HVAC/R 003 Commercial Mechanical Refrigeration
- ✓ REFRIG 004 Refrigeration Electricity I will become HVAC/R 004 Electrical Fundamentals for HVAC/R
- ✓ REFRIG 005 Refrigeration Electricity II will become Commercial Electric for HVAC/R
- ✓ REFRIG 006 Air Conditioning and Heating HVAC will become HVAC/R Air Distribution Systems
- ✓ REFRIG 007 Refrigeration Welding will become Welding for HVAC/R

Discussion about the EPA 608 certification review and testing: Mr. Lawton will conduct a six hour test review for the EPA 608 certification exam on Saturday, February 16, in room T-123. The certification test will be given on Saturday, February 23, in room T-123.

Perkins funding application: HVAC/R department head will submit the paperwork for the Perkins funding. We can use these funds to purchase the new gases and equipment to meet the requirements of the Environmental Protection Agency (EPA) energy efficiency program for existing buildings.

Virtual welder: Dean Chatterjee talked about a virtual welder that students can use before actually lighting up a torch. The device can help the student develop the hand-eye coordination and muscle memory necessary to perform the welding/soldering/brazing operation successfully.

Mr. Lindeman asked about the wood hardware for new trainer mock-ups. Mr. Szumski said he would order the material and the HVAC/R would assemble these training modules.

RSES classes: This discussion centered on the continued need for the HVAC/R technicians to have their knowledge of the changes in federal and state laws concerning new technologies and sustainability issues. The problem is that some of these classes would be taught in rotation on a six or seven year schedule and the Student Learning Outcomes (SLOs) require evaluation every three years. Discussion moved to having our District offer these courses as non-credit. Everyone agreed. Dean Chatterjee, Mr. Szumski and Mr. Worley will work with Matthew Isaac at our District Professional Center.

MEETING WAS ADJOURNED AT 7:30 P.M....Great meet, thanks to all who attended. Thanks again to Phillip Lawton for chairing.

Sincerely,
Professor Ed Szumski, Electricity/Electronics/Refrigeration Department Head