



## ELTR/CARP Advisory Committee

**Date:** Thursday, April 2, 2015

**Called to order:** 6:16 pm

**Adjourned:** 6:59 pm

**Chairperson:** Denise Ojeda

**Person completing report:** Jennifer Woods

**Members present from industry:** **Loren Hanson**, Viking Age; **Bruce Ruff**, Peabody Energy; **Ernest Sanchez**, PNM; **Paul Trawinsky**, CST Solar; **Wayne Whitlock**, W.O.W. Electric; **Kristine Sanchez**, APS

**Members present from CNM:** **Eric Barros**, Instructor; **John Bronisz**, Dean of AT; **Timothy Brown**, Instructor; **Michael Cranney**, Assoc. Dean of AT; **Phelan Gavaldon**, Instructor; **Joseph Hirschfeld**, Instructor; **Carlos Nevarez**, Instructor; **Denise Ojeda**, Instructor and Construction Chair

**Next scheduled meeting:** Any Monday in early October

- I. **Welcome/Introductions:** Denise Ojeda welcomed the members and asked that all the CNM faculty introduce themselves and report on what it is they teach, what terms they teach, and what kinds of projects they are working on:
- ✓ Eric Barros-3<sup>rd</sup> term-Motor Control Theory, Electrical Theory III, Motor Control Lab, Industrial Power Distribution
  - ✓ Tim Brown-1<sup>st</sup> term-Electrical Theory 1, Electrical Math 1, Electrical DC/AC/L, AC Circuit Motors
  - ✓ Carlos Nevares-1<sup>st</sup> term-Program Logic Control, AC Circuit Motors, Electrical AC/DC/L, Vocabulary and navigating the NEC
  - ✓ Phelan Gavaldon-2<sup>nd</sup> term-Electrical Theory II, Blueprint Reading, two labs for services, basic wiring lab, completion of coursework for the Residential Wiring Certificate, Habitat for Humanity for Albuquerque
  - ✓ Denise Ojeda-1<sup>st</sup> term-First term classes and Construction Chair
  - ✓ Joseph Hirschfeld – Carpentry, residential construction teaching project

Then the industry partners introduced themselves and explained about their own businesses. **Bruce Ruff** spoke about the Coal Mining Electrical Certification. It is not necessary to be a Journeyman or Contractor to work in a coal mine, but after one year of working in a mine, you can get certified. After about four years working in a coal mine, workers are able to pass their Journeyman license. He is having a hard time finding people with the right kind of training, and wants to see what CNM is all about. **Wayne Whitlock** (CNM graduate in 1989) owns an electrical business that is very stable right now, so he is not looking for new employees. He is, though, interested in what we do here. **Paul Trawinski** (CNM graduate) is working in



photovoltaics. **Ernest Sanchez** has worked at PNM for 30 years. **Loren Hanson** owns his own carpentry business, and used to sit on the Advisory Committee.

**II. Minutes:** Corrections: Did the last meeting actually end at 6:00? Ask Maria Gutierrez about this. Motion to accept with corrections was seconded. (Michael Cranney confirmed [4/7/2015] that the meeting was to be from 4:00 to 5:30 and that the time was recorded correctly.)

### **III. Reports:**

- Skills USA, April 10, builds on mechanical skills and also soft skills and leadership skills. The national competition is being held this year in Louisville, KY (last week of June) for the first time because it has gotten to be such a large event. It is the same day as the rescheduled CTE Day. CNM expects around 1,000 students from APS and Charter Schools.
- Collaboration between electrical and plumbing trades with carpentry in order to do some repetitive training: Joseph placed 18 yds. of concrete for a slab, which will serve to instruct students on residential construction. A lot of material was repurposed for this project. Real world experiences are important in teaching construction skills.
- Collaboration and good communication are essential on a job site and that is what we are trying to teach at CNM. Denise asked the group – What do you want from our students? We would like someone to be the new chair of this committee. How can we be better? Industry participation has dwindled in the last few years and we need more feedback from our partners. Loren mentioned that several years ago, carpentry was a star program. It has lost a lot of its meaning in recent years.

### **IV. Old Business**

- John Bronisz made comments about the skills that CNM students need to acquire in order to compete in the workforce. He made reference to Ernest Sanchez's perspective on low Math skills in the last meeting. John and Denise talked about the "J & J Project". Joe Schaub and Jennifer Klecker (advisor and achievement coach) came into the class masquerading as construction business owners. Students were given specs for a project for J & J Contracting. J & J walked around and interviewed all the students, and many of the students freaked out. One student could not speak. J & J were telling the students that they were looking for future electricians, and most of the students got rattled. A few did well, but many had points deducted from their grade because they could not relate to these strangers. Later, J & J came back to the class to debrief the students about what had just happened. Denise said that she realized that we must work on relationship and communication skills right from the first day of school. More disconcerting was the fact that these students already knew who Joe and Jennifer were, and had probably already had a face-to-face meeting with one or both.

### **V. New Business**

- Because of the lessons learned from the J & J Project, Carlos is thinking of doing the same thing in his classes as a final project.
- New faculty member just hired for PV –Janet Hughes will start in the Fall
- The industry members were provided with copies of the assignments that our students were given in order to review and make comments.

**VI. Adjournment:** 6:59pm

Next meeting: No date, a Monday in October is best, 6pm.