

**NPC Industrial Maintenance and Operations Advisory Council  
October 5th, 2017**

Attendees: Carrie Jordan – NAVIT, Rebecca Hunt – NPC, Fred Calderon – NPC, Mike Colwell – NPC, Nicole Ulibarri - NPC, David Krouse – TEP, Rhonda Francisco – TEP, Jeff LeFevre – TEP, Christopher Susag – APS, Royce Kincanon – NPC, Peggy Belknap – NPC, Wil Mortensen – SRP, Lacy Greer – SRP, Kenny Keith – NPC, Shawntel Skousen - NPC

Welcome and Introductions – Kenny Keith.

Minutes from February 23rd, 2017 were approved.

Kenny Keith presented a power point that included the following topics:

**Enrollment Numbers-** 211 was offered in the summer so a large wave of 213/214 is coming. Kenny feels the numbers are good. 36 students took 213/214 in spring 2016. Mechanical Maintenance enrollment has really taken a hit with Wade Stoddard being gone.

**Removal of Wastewater Collection and Treatment and Water Supply CP's and courses.**

**Background of the Program since 2006** – Presented a timeline of changes. Students have not been taking advantage of the Power Generation Mechanical Series.

**Kenny's Vision** – Keep 208 the same, add NCCER level 1 Maintenance to 211, find a way to integrate more hands on in 212 with the Amatrol Steam Trainer, add Amatrol Steam Trainer to 213 for more hands on, 214 is the best and hardest course.

For the Maintenance courses, bring in Amatrol curriculum. Fred feels that is far superior to NCCER course work. It introduces basics earlier. Students have to do online work, take a quiz, and then go to the floor to do skills check off.

Mechatronics is hard to describe, so changing the name of the program to Energy and Industry Technician (EIT). Now is the time to suggestion for improvements or changes, until December to formal request the program change but must be completely done by February for the next fall semester.

NAVIT is where the real changes will occur. They need more hands on. Do a “teach out” for the current NAVIT IMO students and move to Show Low and Holbrook for locations. It should allow for 4-5 high schools to participate. Carrie suggests that we add more hands on to what we have now before adding a third location.

Over all, it seems that everyone is for a change as long as it makes our current curriculum better without eliminating any needful course work. Everyone is eager to assist Kenny in rewriting the course work if needed. Additionally, the consensus is to bring in more hands on learning.

**NCRC** - Does anyone use it? Yes a bit.

Other Topics Discussed:

**Open Houses** - Planning for the spring. Kenny asked that everyone start thinking about them.

**Transportation for NAVIT** - Some school just cannot accommodate transporting students to some programs due to distance. Some students could be running into conflicting schedules.

*Industry Updates*

**Brian** - No official word either way for APS. 6-12 E&I apprentices next year, some local, 3 or 4 in Farmington, and the others in PHX.

**Lacy** - EPA accepted the proposal to shut down Unit1 a couple months a year for the next several years. Navajo GS will shut down at the end of 2019.

**David** - Currently has 4 apprentices 2 -2.5 years into their program.

**Chris** - Worked with San Juan to help students with pre-employment testing; the pass rate went from 40% to over 80%. APS has shifted to hiring more entry level employees and growing them to where they should be.

**Royce** - Handed out information about the service that Community and Corporate Learning offers. He also spoke about a scenario like an escape room for team building.

**Nicole** - It looks good and would like a timeline.

**Rhonda** - Would like to see more hands on.