

NPC Energy and Industrial Technician Advisory Council

October 22, 2020

12p-1:30p

Zoom Meeting

Attendees: Kevin Westfall, Jennifer Bishop, Mike Craig, Jeff Lefevre, Scott Newby, Matt Weber, Dave Morgan, Joe Russo, Aaron Ball, Chris Susag

Note taker: Pamela Dominguez

Kevin thanked everyone for joining the Zoom meeting.

Safety Share: Kevin shared Pat Lopez's message in NPC's Fall Operation Guide. Stress Management-S.T.O.P.

S-Stop what you're doing.

T-Take a few deep breaths.

O-Observe what you're feeling and thinking without judgement.

P-Proceed with your day in a way that supports you and take a break.

Introductions were made.

Industry Updates:

TEP: Outages have been pushed back to the spring. TEP has several employment positions open.

APS: Currently, APS has 25 E & I apprentices, possibly adding six more next year.

NPC-EIT: NPC went completely online during SP20, a couple of students were not able to complete their hands-on skills. The college limited class capacity numbers for FA20. NAVIT numbers are low due to the pandemic; we were not able to recruit at the high schools. PDC has 6-NAVIT and STJ has 2-NAVIT students. STJ's students are on a teach out. Night classes were on hold for FA20. Spring will have the same NAVIT count. Kevin will offer more community spots in SP21. Night classes will not be offered in SP21. SRP and TEP will run their night classes at each of their facilities. EIT's 5-year program review is due SP21. The department is reviewing curriculum and national certifications.

Center for Future of Arizona: Aaron works with high schools and postsecondary students to help them get into advanced manufacturing. Arizona Commerce Authority (ACA) charged Pima and Maricopa's community colleges to develop uniform curriculum to course name, number, and outcomes to better meet needs of employers within a corridor of Pima and Maricopa counties. A degree pathway that includes a 2-year associates and stackable credentials at 16, 32, and again at the associate's level. The manufactures benefited from this because they new the skills and content aligned. The result is the National Institute for Metalwork Skills (NIMS) Mechatronics curriculum is a significant component of it. The program is Automated Industrial Technologies (AIT). ACA wants to build and expand on the current corridor statewide. Aaron is working with Arizona Community College Coordinator Council (ACCCC) (ten community colleges), to come up with a plan to help with the expansion.

NIMS: The corridor aligns to the NIMS credentials for Mechatronics Industrial Maintenance; their curriculum is wrapped around our 9 credentials. The last two credentials are AWS maintenance welding and maintenance piping. The first 7 credentials mechanical, hydraulics, pneumatics, electrical systems, electrical control systems is where the curriculum has been developed. A new piece is the Industry-Recognized Apprenticeship Program (IRAP). NIMS was awarded the Standard Recognized Entity (SRE).

Klein Education: Klein Education Systems is a sole distributor in Arizona for Amatrol. Amatrol is a curriculum provider; they make curriculum and equipment built for industry. Amatrol is endorsed by five major industry recognized credentialed certification companies. The Department of Labor has recognized Amatrol as an SRE. If you have the full Amatrol library, you could take the NIMS certification. Kevin has not been able to review the NIMS.

Kevin is going to step down as chair. A new co-chair will be added in SP21.

Jennifer mentioned the department is looking for a full-time instructor. The WMC Skills Center will have an EIT classroom.

Scott needs to get 25 electricians and 25 mechanics tested for NCCER.

Advisory Meeting date

Tentative: March 25, 2021