

Date June 2, 2016

Chairperson Mike Cassidy

Called to Order 4:30 pm

Present Mike Cassidy, Rod Cornutt, Joy Crump, Brent Dumas, David Harwood, Patrick O'Connor, Randy Tyle, Doug Weiss

New Members/ Guests

Agenda Items

1. Announcements – Enrollment is on the rise in most apprenticeship programs. Mike Cassidy noted that we've added a Residential Wiring pre-apprenticeship class to fall term schedule. Enrollment numbers for the Plumbing Program are looking good and hopefully will allow for adding a 3rd instructor. Randy included that we have more electrical apprentices than we did last year and 60 inside electrical applicants from June 2015 through June 2016. We have graduated over 60 Apprentices in the last 3 years all of which have become licensed. This does not count Limited Energy or HVAC. Additionally, one of our graduates went on to become the lead electrician for Weyerhaeuser and another is member of Amazon's robotics/automation design and integration team.

Dave mentioned that he would like to get adequate, dedicated training space for the HVAC program. Pat shared that we've been working with the ECCO Program to clean up the building 12 training space. The Auto Body Program will be done winter term and he's trying to get that space for a permanent home for some of our programs. The jewelry lab in building 8 is being cleaned up over the summer to accommodate the Millwright Apprenticeship Program. The Electronics Program was eliminated, but the college is still providing the electronic classes to the Apprenticeship Program as long as enrollment allows. Doug noted that the Electronics Lab is essential for Apprenticeship. Randy suggested we advertise the PLC class to people working in the field that are non-apprentices. A course flyer was made and distributed to training agents.

Pat informed the group of the Oregon Apprenticeship Initiative in Manufacturing grant awarded to Oregon Employment Department (\$3 million dollars to create new Registered Apprenticeship programs in the Manufacturing Industry). Randy noted an inquiry regarding a Lubrication Technician Apprenticeship Program.

LCC Hosting the OSATC (Oregon State Apprenticeship and Training Council) meeting in September.

2. Resources – Rod shared that Sanderson Supply Company offers Fall Protection Training and would come out to the college to provide this, if anyone was interested. Also, Rod has Arc Flash Video filmed in industrial setting at Rosboro Lumber Company (15-20 mins). Doug would like to incorporate video into his class. The need to provide alternative class formats such as skyping and/or video-podcasting was emphasized for apprentices working out of the local area that cannot attend class in person. Mike noted that BIM (Building Information Modeling) is really

popular in the trades right now and it would be great to incorporate it into our related training. Possible funding request in the future.

- 3. One Time Funding/Budget** - Apprenticeship Budget reviewed by all. The group agreed to include the following request on the next one-time funding/unit plan:

Code update - 500 hours of curriculum development funding to update code to reflect 2017 NEC, which will be adopted April 1, 2017. The National Electrical Code (NEC) Is the standard for electrical installations nationwide. Existing embedded code through the curriculum for our electrical programs will need to be updated to reflect the changes in the 2017 NEC. Code related testing is required for all electrical apprenticeships. Each year between 30 to 50 students prepare and sit for licensing exams utilizing a database of questions developed for that purpose. License classes which the college supports include: General Journeyman Electrician, Limited Renewable Energy Technician, Limited Maintenance Electrician, Limited Manufacturing Plant Electrician, Limited Energy Technician, HVAC Technician.

Motors and Controls Lab

Replace worn or failed equipment in the lab.

- Factor one. The majority of the lab equipment was either purchased by our programs or donated and is over 10 years old. Many of the individual components have failed or are failing.
- Factor two - These components are required to simulate real world installations and process controls. The lab has been used by 100's of apprentices over the last few years and each student is given an individual control board to work on. This type of training is especially invaluable for those apprentices who do not get this type of training on the job.

Components:

- > 10 Each Green N/O push buttons with contactors (Eaton - 10250T23G) \$890
- > 10 Each Red N/O push buttons with contactors (Eaton - 10250T102) \$890
- > 5 Each Green Indicator light with contacts (Eaton - 10250T34G) \$760
- > 5 Each Red Indicator light with contacts (Eaton - 10250T34R) \$760
- > 10 each - NEMA size 0 Non reversing starter (Eaton AN19BN0A5E020) \$2920
- > 2 Each - Soft Starter (Eaton PSE-600-70) \$1784
- > WIRE 1 Roll each (#2500 ft) - Red, White, Purple, Yellow, Blue, Brown, Black x 2 \$200 per roll (\$1600)
- #14 THHN Solid Wire

Committee Actions:

The committee approved to change the name of the pre-apprenticeship "Residential Wiring" course to "Electrical Wiring for the Trades". This will go into effect academic year 2017/18.

Donations: Ferguson Plumbing donated several hundred dollars' worth of piping and vents for a sawdust/ventilation system, which was installed in bldg. 12 by the plumbing apprenticeship students.

Next Meeting Fall Term-Date TBA

Adjournment 6:00 pm

Copies

Advisory Committee Members
Pat O'Connor, Dean, Advanced Technology
Claudia Riumallio, Student Advisor, Advanced Technology
Carolyn Litty, Student Counselor, Advanced Technology
Program Faculty, Advanced Technology