

## MECH-ELTR Advisory Committee Minutes, Fall 2024

**Date:** Friday, November 15, 2024

**Number of Attendees:** 21

**Called to order:** 12:05 pm

**Adjourned:** 1:00 pm

**Chairperson:** Phelan Gavaldon

**Recorder:** Jennifer Woods

**Location:** ATC 108 and Zoom

**Members present from industry:** **Michael Hill**, Applied Materials; **Genneysburgh Izquierdo Mejias**, Intel; **Lanette Jaramillo**, Intel; **Tommy Long**, Ski Santa Fe; **Peter Lopez**, NM GCO; **Robert Neal**, Tech Labs; **Denise Ojeda**, PED; **Jonathan Shodean**, Sandia Labs; **Melodee Saiz**, APS; **Garry Tomerlin**, Tech Labs/X-Cal

**Members present from CNM:** **Eric Barros**, ELTR Instructor; **Marlene Brown**, PV Instructor; **Jorge Canales Verdial**, MECH Instructor; **Phelan Gavaldon**, ELTR Instructor/Cluster chair; **Sionna Grassbaugh**, Interim Assoc. Dean; **Erin Johnson Krufft**, Interim Dean; **Jessica Metz**, Ingenuity; **Roderigo Padilla**, Interim Assoc. Dean; **Ashley Prelo**, WCS; **Kambiz Shahroudi**, P/T MECH Instructor; **Jennifer Woods**, Academic Tech Asst.

**Next scheduled meeting:** TBD

**I. Welcome/Introductions:** Phelan started the meeting and everyone introduced themselves.

**II. Minutes:** Minutes from Spring 2204 approved as written.

**III. Reports:**

- 1. College Updates:** Erin reported that in the recent election, the bond was passed, that will help fund the new CNM Makerspace on Main campus. It will be renamed Technology Innovation and Entrepreneurial Development Center. It will be close to our new trades facility, which will open in August 2025. The MECH program is at the ATC and will be expanding into other areas of the building, but some of the first term courses will be taught in the new trades building. She asked the members to pass the word that CNM is a great place to start a career in the trades. We are also doing our annual program review (CIPR). We look at specific benchmarks and labor market data to see how effective our programs are. Programs can be designated as *Sustain, Grow or Fix*. The college offers additional support for all programs that need it.
- 2. Enrollment and Graduation rates:** Roderigo reported that CNM enrollment is 19,183 students. STA enrollment is 3,167 students, which is 4% increase over the previous year. ELTR enrollment is 348, fill rate is 82%. We graduated 64 students with certificates, and 14 AS degrees. The MECH program has 129 students, fill rate is 62%. There were 24 certificates awarded. Genneysburgh asked about the diversity in this program. Phelan said that about 10% of ELTR is female, and around 82% are people of color. MECH data is pending, since the program is still new.
- 3. Equipment:** We received 4 new ACDC learning systems for ELTR, using Perkins funds. Phelan said that we need four more. Erin said that the Perkins grant has been realigned in the state, and the ELTR program, in addition to several other CNM programs, will not be able to receive funding for the next two years. The MECH program, however, will be eligible for Perkins funding. Denise said that the state will be an early adopter of the new framework, and Perkins funding will be available eventually.



Jorge said that in MECH we received an industrial robotic arm. We have hired six new P/T faculty for MECH. We would like to hire a F/T instructor too. All the classes require specialized faculty. Genneysburgh said that she could reach out to Intel retirees to see if they are interested in teaching.

#### **IV. Old Business:** None

**V. New Business:** Ashley talked about the division of Workforce Community Success. (WCS). Her division connects employers to resources such as job postings, and helps students on their career path with resume building, and mock interviews. Her team works to build the internship program, and helps with funding to employers to pay for interns. Interns are paid \$15 an hour, and the employer can be reimbursed for \$12. Ashley can help navigate the process. Ashley can be reached at [aprelo@cnm.edu](mailto:aprelo@cnm.edu).

Phelan said that the learning outcomes for the programs have been updated, and new information will be sent to the members when it is available. Advisory members are welcome to advise us about curriculum changes at any time.

Jorge said that he is making some modifications to the MECH curriculum. Advanced Hydraulics and Advanced Pneumatics classes will be merged into one. Advanced Motor Controls will be added. He has been establishing a relationship with the University of Wisconsin (UW), which is one of our SACA partner schools. We have a formalized transfer class with UW for ELTR and MECH students. It is an on-line program for a Bachelor degree in automation and manufacturing. One of our graduates has already been accepted.

**VI. Reports from Industry Members:** Jonathan said that Sandia Labs has an Advanced Manufacturing lab and partners with several different schools. He is looking to grow this lab and he is looking for interns and skilled trades people. He is having a hard time keeping skilled trades people in the state. It is a very competitive work place now. The first of the year is when internships will be available. Contact Jonathan at [jdshode@sandia.gov](mailto:jdshode@sandia.gov).

Genneysburgh said she appreciates Ashley for her help with recruiting events this fall. She will expand her student program at Intel by 10-15%.

Michael Hill said he has three different apprenticeship programs. Three job families are Process Technician, Hardware Tech, Assembly. He is looking to expand.

Melodee with APS said she is preparing for the student showcase at Berna Facio, December 11. Over 500 students will present about their internships for work-based learning. All APS high schools will participate. Everyone is invited. The model that APS uses has received national attention.

Tommy said Santa Fe Ski Area is getting ready to open. He has a new detachable ski lift. He is hiring now and looks forward to hiring interns.

Jessica said that Ingenuity can offer contract training for upskilling employees. Classes can be customized for specific topics. Contact [jmetz9@cnm.edu](mailto:jmetz9@cnm.edu).

Garry said he operates in eight states, and is always looking for tradespeople. To build up the infrastructure for chip manufacturing will take many years.

Kambiz asked if there are any internships (externships) for faculty to go and learn new skills. Denise remarked that this could be professional development. There are other grants besides Perkins that could support faculty training. Robert said that Amatrol offers free training courses in the summer. He can send a schedule to us. Denise added that regarding faculty training, she would be willing to present this idea to her leadership, to find funding. She would need a formal letter from the Dean, explaining what funding avenues can be used for paying for faculty training.

#### **VII. Adjournment:** 1:00 pm