



## Advisory Committee Minutes

**Date:** Thursday, November 12, 2015

**Number of Attendees:** 9

**Called to order:** 3:00 pm

**Adjourned:** 3:55 pm

**Chairperson:** Lawrence Simons

**Recorder:** Jennifer woods

**Members present from industry:** **Terrance Habish**, Stainless Motors; **Hugh Morris**, Moncktons Machine Tools

**Members present from CNM:** **John Bronisz**, Dean, School of Applied Technology; **Michael Cranney**, Assoc. Dean; **Amanda Glennon**, CTE Outreach Manager; **Kay Hamby**, Welding Instructor/Manufacturing Chair; **Lawrence Simons**, Instructor; **Wayne Woody**, Instructor; **Jennifer Woods**, Academic Tech. Asst.

**Next scheduled meeting:** To Be Decided

**I. Welcome/Introductions:** Lawrence Simons opened the meeting and introductions were made all around

**II. Minutes:** Minutes from the spring meeting approved.

### III. Reports:

- The broken VFO is out of the back yard.
- People from Los Alamos National Lab (LANL) came here for their apprenticeship program. They have four positions open and are excited about bringing our students on board. Positions start on Dec 1, and will run for thirty days. Also, LANL hazardous waste materials group came in. Five of Lawrence's students completed their cover letters and resumes.
- John B. reported the CNM budget is lean right now, but we are able to keep up with day-to-day instruction and supply needs. We replaced the old VFO with a VF1.
- The MakerSpace is not up and running yet, and it may move. It needs a lot of electrical upgrades.
- Amanda reported that the formerly called *CTE Day* is now called *College Day at CNM* and it will be on Friday, February 19. Focus will be on low enrollment classes. Her outreach team is going to high schools right now in order to start enrolling seniors in CNM classes.
- Wayne talked about the NMTA Educational committee meeting at Manzano HS on October 4. Several industries were represented at this meeting too. The committee thought it was a huge success.

### IV. Old Business:

Lawrence mentioned the SkillsUSA competition. At State, students placed first, second and third in machining. At Nationals, our student received tenth out of 46. Our next In-House will be December 4. State is in late March.

## V. New Business

- Michael asked Terrance from Stainless Motors about his experiences with CNM graduates who apply for jobs, and the poor results from the tests they are given. Terrance said they are constantly looking for machinists. (He went through the welding program here.) CNM graduates about ten students per term. He asked where they are going to work. Lawrence listed the various places our graduates have found work, and said that our placement rate is excellent.
- Terrance said that the graduates that he encounters from CNM are lacking in basic math skills and/or G-Code. He brought examples of the tests that Stainless gives to all prospective hires, and copies were made for all the members. Both Lawrence and Wayne brought copies of the mid-term exams that the students take for their exit competencies.
- Discussion followed about what Terrance saw as a lack of experience with different materials, particularly stainless steel. CNM is restricted because of the cost of the material. John pointed out that these graduates are at the apprenticeship level in their knowledge base, and Terrance is aware of that. His company administers the same test to Journeymen and apprentices, although the test contains very basic questions.
- Terrance said that the students come in for interviews unprepared, and know nothing about the company. Plus he feels he has to hold their hands a lot. Woody mentioned that there is a long lag time between the time of the job interview and when that student took their last class, so retention of knowledge and skills is a problem (a "recency" problem). Soft skills also need to be ingrained into the students.
- Discussion followed about what the students are taught here. John said he would like to try to ramp up the use of stainless steel, and any donations would be welcome. Terrance said he might be able to donate some stainless material for the program. The industry members felt it was important to increase the use of stainless steel in the curriculum.
- John asked Terrance if new CNM hires have improved in their soft skills. He said that the one CNM graduate machinist he has now is always complaining that the new hires show up without any skill set and are not applying themselves. Woody said that this is a problem nationwide, and it is difficult to teach. It is something that needs to be ingrained at home. John discussed other strategies that have been used by other instructors, and seen to be of some value. Woody said that there are industry people who do come in to talk to the classes. Lawrence thinks it is a matter of incentive. Students are given every opportunity to achieve, and it is up to them to utilize what CNM has to offer. Terrance said he would set up a field trip to Stainless.
- Kay said that TJ Maloy of Waterjet Cutting Inc. would like to start a mentorship program.
- Terrance was kind enough to stick around and talk to the students who are in class today.

## VI. Adjournment 3:55 pm Next meeting date to be decided.