



DETC Advisory Committee

Date: Wednesday, April 15, 2015

Called to order: 6:12 pm

Adjourned: 7:35 pm

Chairperson: Jim Gore

Person completing report: Jennifer Woods

Members present from industry: **Kerry Bransford**, Inland Kenworth; **Dave Gerken**, Snap-On Industrial; **Jim Gore**, Instructor; **Dan Price**, Wagner Equipment Co.; **Kristine Sanchez**, APS; **Mike Schreiber**, Inland Kenworth; **Alan Herman**, Vermeer Sales SW

Members present from CNM: **John Bronisz**, AT Dean; **Bob Burkhard**, Instructor; **Vardis Gaus**, Instructor, Transportation Chair; **Jim Gore**, Instructor; **Stuart Braughton**, Student; **Mason Buckland**, Student; **Eric Smith**, Student

Next scheduled meeting: Not Decided – Combined with TRDR committee for Fall 2015

I. Welcome/Introductions: Introductions were made

II. Minutes: Motion to approve Minutes from Fall 2014 meeting, approved

III. Reports:

- **Skills USA** – April 10 - We had 10 students compete –total of 13 stations, three written and ten hands-on. Eric Smith, an apprentice at Wagner and CNM student, came in second. There was one interview station too. Nationals will be in Louisville, KY in June.

IV. Old/New Business

- We are starting a new teaching model, called “Competency Based Education”. The burden of learning is on the students, not the educators. On-line theory classes are coupled with hands-on open labs. In order to be competent to move to the labs, the students have to pass a test. This separates the motivated students from the unmotivated ones. We started this in one class (four weeks ago) and by the Fall, we will be adding more classes to this model. Traditional lecture classes are disappearing. Stuart Braughton is involved with this class now and he likes it. There is pushback from other students who don’t like this. Kerry Bransford likes this idea, and thinks CNM in general needs to adopt this model. John Bronisz said this needs to be documented very well in the syllabus so the students know what they are in for. All the teaching materials are presented digitally, and this is the way the world is going. Even service manuals are in PDF form now.
- Short discussion on legalized drugs and Diesel mechanics/truck driving. Bottom line: We must adhere to DOT guidelines, which means, if you have a safety sensitive function, you may not take drugs, even recreational “legalized” drugs. Period. If you test positive for drugs, you are gone.



- Mason Buckland expressed reservations about the new teaching model. He believes that there are things you cannot learn from an on-line course, and is concerned that students will miss out on certain expertise that the instructors impart in a regular lecture class. Jim Gore said that he has reduced the number of students in the lab, so they actually get more time with him, and he can address finer points with them more easily. He will never teach a shortcut for a task.
- At Inland, they want entry level people to know all the book learning and step-by-step procedures. Entry level workers are monitored and there is no expectation that they know how to do it all. In a flat-rate shop, entry levels get no help because the other techs have no time for them. At an hourly shop, grads will get better supervision and mentorship. Inland will always put a new hire next to a foreman. Inland will transfer techs around the US but not overseas. (although Mexico has a vibrant apprenticeship program).
- Oil field jobs pay really well for a short time and then the jobs will end, so workers have to start over again as a new hire at a new shop. In the Artesia/Carlsbad area, when the price of a barrel of oil went down, 2,700 people lost their jobs. If you have an overseas job, you will not have a mentor, whereas at a dealership, training is structured, continuous and reliable. Also, if you continually jump from job to job, you forgo benefits.

V. New Business

- ✓ In the DETC program, course numbers are changing and lectures/labs are being separated.
- ✓ There will be a new power generation class. CNM has purchased an 80 kilowatt mobile generator.
- ✓ There is an on-line seminar class on alternative fuels.
- ✓ There is Carl Perkins grant money for a natural gas trainer. Compressed natural gas is becoming more the norm. Fueling stations are a problem, though, even though NM has several and can support coast-to-coast travel. Hybrids are not feasible any more, and neither is hydrogen.
- ✓ NM Trucking Association – Super Tech State Contest – Saturday, August 22 at the ATC. It is open to technicians everywhere and there is a student category too. It has a website. It is similar to Skills USA, only harder.
- ✓ Snap-On 504 Volt Meter Certification – CNM can start doing certifications starting in the summer.

VI. Adjournment: Motion to adjourn, seconded 7:35pm