



CM Advisory Committee Minutes, Spring 2016

Date: Friday, April 22, 2016

Number of Attendees: 10

Called to order: 12:10 pm

Adjourned: 1:20 pm

Chairperson: David Ruff

Recorder: Jennifer Woods

Members present from industry: **Tyler Corey**, HB Construction; **Dino Franco**, AGC NM Highway Chapter; **Sam Hatchell**, Jaynes Corp; **Matthew Martin**, Brycon Corp.; **Ralph Mora**, AGC NM;

Members present from CNM: **Amy Ballard**, Assoc. Dean Applied Technologies; **Tom George**, Instructor; **Amanda Glennon**, CTE Outreach; **David Ruff**, Instructor, Faculty Chair; **Jennifer Woods**, Academic Tech Asst.

Next scheduled meeting: To be decided for fall 2016

I. Welcome/Introductions: David opened the meeting and introductions were made all around. David introduced new members Sam Hatchell, who transferred to UNM from CNM; Tyler Corey, who went through the entire CNM program; and Matthew Martin, COO of Brycon Corp.

II. Minutes: Motion from Ralph Mora to approve, seconded. Approved as is.

III. Reports:

David discussed the results from the ACCE accreditation process. (Document included). **The program was given its full six-year re-accreditation.** This accreditation is moving to a *student learning outcome* (SLO) model instead of a prescriptive model, so some changes will be made to the curriculum.

The members were given a copy of the visiting team report. The first document lists the weaknesses in the program. The first two are: Published Information to the Public, and Quality Improvement Plan. Neither of these apply to the CNM curriculum, which is a positive thing. The first one deals with how the CNM web site provides information to the public. The faculty will be working on this with the web site administrators. Tom thinks this will be an easy fix.

The quality improvement plan will take more time to fix. David said that in the past, this has been a weakness for CNM. One of the difficulties is "an inability to survey graduates, survey industry members and get viable and reliable and periodic feedback from industry members" (direct quote). CNM is also looking at its assessment process. Tom said that a survey goes out every two years, but the biggest problem is keeping track of graduates. We are still thinking about a LinkedIn account. Our Job Connection Service tries to keep up with graduates. Amanda said that she is on the social media committee at her office. Tyler mentioned that LinkedIn is much more professional and better than Facebook.

Ralph asked about the Faculty Succession Plan issue with the accreditation review. David said that we have no plan at this point. Part time faculty may be doing more overloads. Part-timers may be worked in as full-time faculty. Another issue the team saw as a weakness was in Program Leader Workload. David was a bit puzzled about that.

Another undeveloped potential that the team pointed out was that the Industry Advisory Board is not being used to its fullest potential. David admitted that we need to rely more on the Board for leads on guest speakers. Ralph said he could help with this. **David created an action item: Identify areas where industry partners can come to classes to talk to the students.**

The item about esprit de corps is relevant. David said that CNM could create clubs, but these are difficult to maintain because of the constant turnover in the student body. Ralph suggested a student chapter for AGC. Dino talked



about a competition in Reno, and it would be great to have a CNM club participate. David said that we are hard-pressed to have enough student interest.

The last issue from the accreditation team had to do with educational needs of the construction industry. This refers to Quality Assurance/Quality Control (QAQC) certifications. Tom explained that CNM has partnered with UNM for a NSF grant. Part of the grant had to do with sustainable construction. CNM would come up with a Sustainability Certificate, and also offer LEED certification. We are still waiting to hear about the grant. Amy said that we would be looking to industry to help us embed elements of sustainability into our curriculum. **If we receive this grant money, we would need industry help sometime this summer.**

CNM must provide one-, two-, and three-year progress reports for accreditation. First report is due in November, which we will share at our next advisory meeting in the fall.

IV. Old Business - None

V. New Business

1. Joint Industry Safety Committee – John Bronisz and Amy Ballard attended the one in February. May 5 at the WTC is the next one. Fall protection will be the topic.

2. David gave the members these documents:

- ✓ Catalog and Course Descriptions for all CM classes.
- ✓ The ACCE Standards for Student Learning Outcomes, which shows the requirements for an Associate Degree in the SH column. The SLOs are on page 13 of this document. (Pages 14 and 15 show the SLOs for a BA program.)
- ✓ CM Planning and Assessment Process and
- ✓ Exit Competencies with SLOs

Tom talked about construction accounting (#6 of the SLOs on page 13). The accounting class (ACCT 1111) that students usually take is being dropped from the Business and Information Technology (BIT) program, leaving a 3-credit hour hole in the CM curriculum. We are discussing what to do about that. We may design a construction-specific accounting class within Applied Technologies, instead of relying on a class from another school within CNM.

3. **David would like to call upon the members to help revise the five exit competencies.**

David said that we teach Revit now, not AutoCAD. The members agreed that Revit is more relevant, because BIM modeling is used across the industry. For quantities in the estimating process, Revit is more valuable. David asked if the members are using the models that the architects design, or are they creating their own models. The members said that modeling is done partly in-house, and partly by the sub-contractors. Revit and 360 Glue are used a lot. Matt said that he recently hired a consultant who created a 3-D model for a headset, so the client could walk through the project.

David asked for opinions on the relevancy of CM 1105- blueprint reading skills and manual drawing and drafting skills. Sam and Dino suggested that we could drop the manual drafting portion and just concentrate on 3-D modeling. Matt reluctantly agreed, but thinks that sketching is a good baseline skill to have. David pointed out that it is valuable to be able to sketch in the field. Sam said that SketchUp is a good program to know.

4. The industry members were given the advisory committee feedback survey.

The five documents that were presented in the meeting will be added as an addendum to these Minutes.

VI. Adjournment 1:20 pm Next meeting for fall 2016 to be decided.