



## CM Advisory Committee Minutes, Fall 2016

**Date:** Friday, December 2, 2016

**Number of Attendees:** 10

**Called to order:** 12:00 pm

**Adjourned:** 1:35 pm

**Chairperson:** Tom George

**Recorder:** Jennifer Woods

**Members present from industry:** **Tyler Corey**, HB Construction; **Bruce Gunderson**, HB Construction; **Carla Kugler**, ABC; **Matthew Martin**, Brycon Corp.; **Michael Rife**, AGC; **Dart Wolford**, AUI, Inc.

**Members present from CNM:** **Amy Ballard**, Assoc. Dean, School of Applied Technologies; **Lisa Chakos-Knapp**, Dual Credit/CTE Outreach; **Tom George**, Instructor; **Jennifer Woods**, Academic Tech Assist.

**Next scheduled meeting:** To Be decided

**I. Welcome/Introductions:** Tom George opened the meeting. Introductions were made all around.

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

**III. Reports:** Tom said that we are trying to reduce the number of credit hours for the program from 72 to 60 credit hours. This will align the CM program with other programs across the college. In order to become accredited, CNM no longer needs to teach some of the classes that we have been teaching, which will allow us to reduce the number of credit hours without reducing the content of the program. This discussion meshes with the evaluation and accreditation issues below (under Old Business).

Tom talked about the NSF grant we received with UNM for developing new curriculum (called DACUM). It is a three-year grant (\$30,000). **The Sustainability Certificate** DACUM was held in early November, and was facilitated by members of the construction community and advisory members. The advisory members were provided with the results of the DACUM. Amy said she wants to send out these results to the other members in the form of a survey in order to discover what information CNM needs to add new classes. This certificate will be added in the fall of 2017.

It is thought that the sustainability certificate could be accessible to other than construction management students. The example of that is if someone works for Proctor and Gamble and wants to learn how to make products that are environmentally sustainable, or create zero waste. Corporate America is interested in sustainability, and this could open a lot of doors for many of our students.

### IV. Old Business

Tom talked about the ACCE evaluations for accreditation. He gave the members present a document which shows the two-year and four-year student learning outcomes that the ACCE wants to use. He wants the members to see if some of the four-year outcomes should be moved into the two-year category. Tom wants to do away with the program outcomes and just go with the student learning outcomes. The goal is also to have more of CNM classes transfer to UNM or a four-year college.

Dart mentioned that by the time he graduated from CNM, he had all the knowledge on the list for the four-year learning outcomes. He thinks the accounting class is not really necessary, but some knowledge of budgeting is a good thing.

## **V. New Business/Discussions**

Michael thinks that younger people have a harder time with communication and working in a team environment. This is hard to teach, but usually comes with on-the-job training. Tom remarked that math skills are not as good with younger people too. Tom tries to get his students to work as a group. On-line classes do not develop team working skills.

Critical thinking and problem-solving are skills that Michael thinks should be part of the two-year degree. Leadership and communication are also important soft skills.

Giving Powerpoint presentations is difficult for a lot of students, and they wind up just reading the text on each slide out loud. Bruce suggested that PowerPoints should be designed so that there is no text on the slides; the student has to speak about the images directly to the audience rather than just read each slide. He also suggested that Toastmasters is a good way to develop presentation skills. Members of this organization can come to class to talk about effective communication.

Bruce remarked that BIM software is a good thing to know. Project managers don't initially design the project by creating the model, but only manipulate the model. He uses Navisworks to combine different file formats. Project managers are on site using iPads nowadays too.

Tom asked Tyler and Dart if they thought the hand drafting course was valuable for their job. Both said it would be better to spend the time learning something else, and they almost never do hand drafting. Tom wants to talk further with the committee about student learning outcomes.

Amy would like Michael and Carla to help with the verification of the activities from the DACUM session for Green Building. It will be in the form of a survey from Survey Monkey. Bruce said he will reach out to the BIM 505 Users Group too.

The industry partners were given the advisory feedback survey.

The handouts from Tom will be added to these minutes.

Next meeting for the spring to be decided.

## **VI. Adjournment 1:35 pm**