



ARDR Advisory Committee Minutes, Spring 2017

Date: Thursday, March 16, 2017

Number of Attendees: 16

Called to order: 8:35 am

Adjourned: 10:30 am

Chairperson: Bob Hall

Recorder: Jennifer Woods

Members present from industry: **Ron Balmer**, Bridgers & Paxton; **Brandon Garrett**, DPS; **Robert Hall**, Integrated Design & Architecture; **Joe Hawkins**, Jaynes Corp.; **Daylene Horn**, Chavez Grieves; **Chris Jiron**, HB Construction; **Nitish Suvarna**, Dyron Murphy Architects

Members present from CNM: Amy Ballard, John Bronisz, Phyllis Cece, Amanda Glennon, Karen Grandinetti, Peter Kalitsis, David Miertschin, David Ruff, Jennifer Woods

Next scheduled meeting: Some time in March, 2018

I. Welcome/Introductions: Bob Hall opened the meeting and introductions were made all around. The industry partners listed the software they use in their office which includes AutoCAD Suite, Adobe Suite, SketchUp, Revit, Navisworks, 3-D Max, Bluebeam, and Prolog (for construction management), among other plug-in types of applications.

II. Minutes: Motion to accept, seconded; minutes from fall 2016 meeting accepted as is.

III. Reports: David Ruff handed out information about enrollment and graduation rates (which will be added to these minutes). Peter explained how the ARDR program is fairing now. The program graduates about 11 or 12 students per year. Most students complete the program in five terms, but a lot of students take the summer off and this will skew some of the results in the analysis. There are many reasons it takes so long for some students to graduate, including family and health issues and also financial aid issues.

Currently in second and third terms there are 23 students. Phyllis has 12 in fourth term and David has 16 in first term. There has been a consistent decline in enrollment across the college and across the nation in general. CNM is actively involved in recruitment. When ITT Tech closed its doors, those architecture students did not come to CNM because if they did, they would have been on the hook to pay back all of their loans. (When a school closes down, the students are offered loan forgiveness, but if they go to school elsewhere, the loan is transferable and they would have to pay it back.) So all those students opted not to continue their education. There is also the conundrum of a whole cohort of young men 18 to 20 years old, who are not in school and not even working. This too is a nation-wide phenomenon. CNM is trying to find a way to recruit these young men. There is also a shift in the number of women who are registering for ARDR classes, which has been increasing in the past few years.

Bob asked where our students are coming from. With some variations, the average age of students is 28 years. Typically, high school graduates do not come to CNM. Lottery scholarship winners are a different problem, because students do not care about the source of the money, and tend to lose interest or get discouraged and drop out of school. Once they drop out, they lose the scholarship forever, and then don't have the resources to pay for school when they do decide to come back.

Charter schools are our best resource for recruiting new CNM students because of the flexible nature of their curriculum, unlike APS schools, which have strict rules about when their students can come to CNM. A lot of high schools have discontinued their CTE type programs too, so there is little opportunity to set up our classes at APS schools.

IV. Old Business - Phyllis said there will be a reduction in credit hours (down to 60 credit hours) in the next academic year in order to satisfy the push to graduate students more quickly. The huge financial aid debt crisis in this country is pushing this trend. The faculty have been trying to make the best decisions as to what needs to be cut out. Some of the content classes will be cut and the software classes will be left alone. Discussion is on-going as to what can be cut from the program.

V. New Business & Discussion - There is a perception among the public that construction is a dirty job, and we need to make it understood that the construction industry has more to offer than just doing dirty work all day. Karen said that her job is to work on this perception. Nitish said that the AIA has an in-school elementary program where they do projects with the kids. They may be willing to expand this to high schools, even though very few high schools have CAD classes now. Generating excitement among high school students is essential. The testing schedule creates a burden on high school students, leaving little time for job exploration.

Amanda talked about College Day and that 2,000 high school students come to our campus every February. On April 12, we are planning an open house job exploration at the Advanced Technology Center specifically for the seven programs taught here. Chris offered the idea that there should be some sort of industry-driven event where the partners themselves go into school assemblies and give a presentation. Bob said that he thinks there should be more mentorships available. Peter said we encourage job-shadowing. All of our partners have been extremely helpful in creating these opportunities for our students, and we are grateful for their support.

David offered the idea that perhaps we could have a year-long competition, where an architectural firm works with one school, and another firm works with another school, engaging in some meaningful project. It could be extra-curricular and after school. At the end of the year, the students could come here to present their projects, and we could have a monetary reward. The members thought that this idea is certainly worth exploring. A similar event is the science fair, where students work on a project for six or eight months and then present their work at the end of a term. A good reward would be an internship, and Brandon said he would be on board with this.

Peter said that we need help with judging for the SkillsUSA State competition.

Brandon talked about the workforce training program through the WIOA that will pay for half the salary of an entry level worker for six months in order to get that worker up to speed in a new office environment.

Phyllis asked the group if the ARDR program is on the right path in creating an office environment in the labs. Nitish remarked that the office is evolving now. Product delivery is evolving. Revit is the main software that is needed at least for the foreseeable future. Daylene thinks that students still need to have a foundation in basic construction too. Ron also added that there is cool equipment out there, but the student needs to back up and learn some fundamentals first. All the members agreed that CNM ARDR is on the right path. Discussion followed about what graduates need in order to first get hired, and then how to meet their personal goals within the industry.

Brandon asked how industry partners could help to increase enrollment. Presentations at high schools seemed to be the easiest way to develop interest. Karen talked about **Slack**, a communication tool which is useful to network with different groups of individuals with specific interests. The program can be divided up into channels, each one devoted to a different project or subject, such as Architectural, Structural, M/E/P, job postings, or any other topic of concern. She is happy to get something going for the ARDR community.

VI. Future Trends and Concerns - were discussed throughout the entire meeting.

VII. Date and time of the next meeting TBD

VIII. The advisory member feedback survey was given to three of the members present.

IX. Adjournment – 10:30 am

**Central New Mexico Community College
ARDR Enrollment**

Course	Fall 2016	Spring 2017
ARDR 1010	32	48
ARDR 1101	17	37
ARDR 1115	15	18
ARDR 1201		24
ARDR 1215		23
ARDR 1221		23
ARDR 1301	17	
ARDR 1315	18	
ARDR 1316	15	
ARDR 1321	18	
ARDR 2105		13
ARDR 2110		13
ARDR 2120		13
ARDR 2180		19
ARDR 2205	16	
ARDR 2210	16	
ARDR 2220	16	
ARDR 2999	7	6

**Central New Mexico Community College
Arch Engr Drafting Technology Graduates
Academic Year 2015-2016**

Certificates	12
AAS	15
Unduplicated Graduates	23

4 students received a certificate and a degree

**Central New Mexico Community College
Arch Engr Drafting Technology Graduates
Academic Year 2015-2016**

CNM ID	Major	Award	Award Term	First term	Terms to Award	
010012359	ARCH ENGR DRAFTING TECHNOLOGY	CERT	SUMMER 2016	SPRING 2012	11	Terms to Award is a c
010012359	ARCH ENGR DRAFTING TECHNOLOGY	AAS	SUMMER 2016	SPRING 2012	11	
010126737	ARCH ENGR DRAFTING TECHNOLOGY	AAS	SPRING 2016	FALL 2007	15	
010148125	ARCH ENGR DRAFTING TECHNOLOGY	CERT	SUMMER 2016	FALL 2002	11	
010151348	ARCH ENGR DRAFTING TECHNOLOGY	AAS	SPRING 2016	SPRING 2013	8	
010151816	ARCH ENGR DRAFTING TECHNOLOGY	CERT	SUMMER 2016	FALL 2004	9	
010157548	ARCH ENGR DRAFTING TECHNOLOGY	AAS	FALL 2015	FALL 2008	18	
010195414	ARCH ENGR DRAFTING TECHNOLOGY	AAS	FALL 2015	SUMMER 2004	7	
010209660	ARCH ENGR DRAFTING TECHNOLOGY	AAS	SPRING 2016	FALL 2010	13	
010246346	ARCH ENGR DRAFTING TECHNOLOGY	AAS	SPRING 2016	SPRING 2014	7	
010260240	ARCH ENGR DRAFTING TECHNOLOGY	AAS	FALL 2015	SPRING 1998	12	
010267708	ARCH ENGR DRAFTING TECHNOLOGY	CERT	FALL 2015	SPRING 1998	7	
010334989	ARCH ENGR DRAFTING TECHNOLOGY	AAS	SPRING 2016	SPRING 2004	11	
010405651	ARCH ENGR DRAFTING TECHNOLOGY	CERT	SUMMER 2016	SPRING 2012	13	
010409030	ARCH ENGR DRAFTING TECHNOLOGY	CERT	FALL 2015	SPRING 2010	13	
010409030	ARCH ENGR DRAFTING TECHNOLOGY	AAS	FALL 2015	SPRING 2010	13	
010409127	ARCH ENGR DRAFTING TECHNOLOGY	AAS	SPRING 2016	FALL 2011	11	
010422457	ARCH ENGR DRAFTING TECHNOLOGY	CERT	FALL 2015	FALL 2012	9	
010428228	ARCH ENGR DRAFTING TECHNOLOGY	CERT	SUMMER 2016	FALL 2012	8	
010455261	ARCH ENGR DRAFTING TECHNOLOGY	CERT	SPRING 2016	FALL 2013	8	
010455261	ARCH ENGR DRAFTING TECHNOLOGY	AAS	SPRING 2016	FALL 2013	8	
010465342	ARCH ENGR DRAFTING TECHNOLOGY	AAS	SPRING 2016	SUMMER 2012	12	
010468333	ARCH ENGR DRAFTING TECHNOLOGY	AAS	SPRING 2016	FALL 2014	5	
010468333	ARCH ENGR DRAFTING TECHNOLOGY	CERT	SUMMER 2016	FALL 2014	5	Rec'd certificate in Sui
010470747	ARCH ENGR DRAFTING TECHNOLOGY	CERT	SUMMER 2016	SPRING 2013	9	
010502544	ARCH ENGR DRAFTING TECHNOLOGY	CERT	SUMMER 2016	FALL 2014	5	
010505745	ARCH ENGR DRAFTING TECHNOLOGY	AAS	SPRING 2016	SUMMER 2014	6	

Program Performance Report Program	Fall		Summer		Spring		Total		Fall		Summer		Spring		AVG. Terms to award		# of Majors Recently Enrolled	
	# of Awards Cert.	Degree	Time to Award Cert.	Degree	Time to Award Cert.	Degree	Time to Award Cert.	Degree	Cart.	degree	degree	cert						
ARDR	7	2	8	1	1	1	16	13	6.3	10	8.9	11	8	9.6	7.73	10.2		239

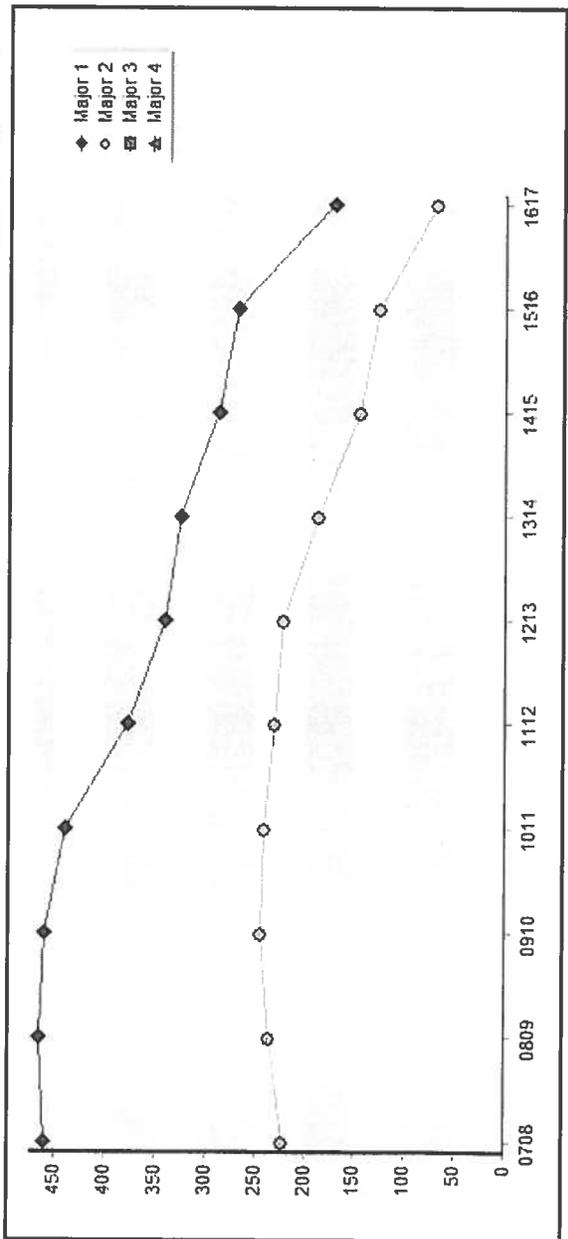


Majors of Recently Enrolled Students Trends

- Today's Date
- Summary
- Student list
- Trends

Academic Year Start: 0708 End: 1617 School: AT

Major 1: ARCH ENGR DRAFTING TECI Major 2: CONSTRUCTIONMANAGEMENT Major 3: Major 4: Major 4



Trend data only includes completed terms for which data exists.