



GIT/SUR Advisory Committee Minutes, Fall 2016

Date: Wednesday, November 16, 2016

Number of Attendees: 19

Called to order: 12:20 pm

Adjourned: 1:35 pm

Chairperson: Theresa Watson

Recorder: Jennifer Woods

Members present from industry: **Larry Brotman**, NM Taxation & Revenue; **James Combs**, Souder Miller; **Nathan Cruz**, Holmans USA; **Will Plotner**, Cartesian Surveys; **Loren Risenhoover**, City of Albuquerque; **Glen Thurow**, Land Links Consulting Services; **Tony Trujillo**, Holmans USA; **Tami Wiggins**, Blue Skies Consulting

Members present from CNM: **Amy Ballard**, Assoc. Dean; **John Bronisz**, Dean; **Ron Forstbauer**, Instructor; **Amanda Glennon**, CTE Outreach Manager; **David Ruff**, Instructor/Program Chair; **Joe Schaub**, AT Achievement Coach; **Rick Watson**, Instructor; **Theresa Watson**, Instructor; **Jennifer Woods**, Academic Tech Assist.; **Anaissa Salgado**, CNM Student; **Dan Shorb**, CNM Student

Next scheduled meeting: To Be Decided

I. Welcome/Introductions: Theresa Watson opened the meeting and introductions were made all around.

II. Minutes: Minutes from spring 2016 meeting approved as is.

III. Reports:

Theresa discussed the GIT program. The recent CNM program review revealed that we have a 42% fill rate (based on a 30-seat capacity, which may be a count that is too high for this particular program) for the GIT program. Of those who have graduated we gave out one Certificate of Completion and seven AAS degrees. The certificate graduate found a job and so did most of the degreed students.

We have upgraded our equipment. Instead of the old style hand-held GPS units, we now have tablets (IPads and Androids) for data collection.

We have changed the 2016/2018 catalog and added a course called GIS Fundamentals, GIS 1002. It is an on-line class.

Ron talked about the Surveying certificate program and the new surveying equipment, which we will hopefully receive soon.

Rick talked about the UAS program. We have a fleet of systems for mapping. We are creating a certificate program for UAS. Rick is a certified pilot now. All licenses for the equipment are in place. The Running Start dual credit classes are a success and will continue in the spring. The city is considering covering the \$150 fee for the students in the Running Start program to take the test to become pilots. We also have three areas where we can fly at the Balloon Fiesta park. The park has asked us to do a project for them that will involve the UAS students and the surveying students. Other projects are planned.

We also want to create an on-line exam prep course.

Cliff Wilkie will be teaching the survey side of our dual credit classes in the spring. Please refer to the CNM web page for more information: cnm.edu/running_start.

IV. Old Business

Theresa talked about topics courses. One of the ideas is for a class in database administration. The members were asked if this is something that will be valuable for our graduates. Larry remarked that he doesn't think it is really relevant. Loren at the city said exposure to this information would be fine but it is not really relevant.

V. New Business

Joe Schaub talked about the open house we just had at the ATC, which was a huge success. By all accounts, the student participants and industry people felt it was a great way to network. The students reported that it is valuable to talk directly with the people in the industry who are likely to hire them. CNM student Anaissa Salgado talked about her interest and commitment to the program. Joe then discussed the outreach work that CNM does for the School of Applied Technologies and career technical education in general.

Tony Trujillo mentioned two scholarships available to GIT/SUR students, one of which is a Holmans scholarship. He believes it is valuable for his company to go directly to high schools to give presentations about surveying and mapping careers. There is a critical need to train new surveyors because so many are retiring nationwide and the technology is changing so quickly.

Amy talked about NMSU. Currently they are not getting rid of their surveying program but will retool it. CNM is trying to add more surveying content to our A.S. curriculum so there can be a smooth transition from here to NMSU, but also students will have enough knowledge to work as Surveying Technicians in the field. NMSU may put their curriculum on line, so that Albuquerque students don't have to move to Las Cruces. NMSU also uses space at the CNM Montoya campus, so we may be able to have a surveying program there too. More information to follow.

Ron talked about the NMPS student chapter. The Albuquerque/Middle Rio Grande chapter has been very supportive. Will Plotner is very involved and came up with a poster competition, which can be used for outreach purposes for both CNM and NMSU. He is trying to put together a Facebook page. Scholarships were given to the two winners of the competition. CNM student Dan Shorb created a Facebook page for our program.

Ron talked about the NSPS 2017 competition. We have a team of four students who will be competing this year in the state competition, and if they win, they can compete in Washington DC. He asked for monetary contributions from our industry partners to help fund the students' efforts, so we can send the entire team.

Theresa would like to see an industry partner take over the advisory meetings. It's not a hard job and we would like to have a volunteer.

We would still like more companies to bring on an intern. Teresa has all the information for this.

NMGIC put together a Pathways report in order to survey the workforce in GIS. The survey asked companies about their software usage, what skills are needed to get a job, whether or not they are hiring. This is information for students too. The report is on the NMGIC website, or contact Amy Ballard, aballard1@cnm.edu for a copy of the report.

The only item on the agenda that was not discussed was the Jobs Fair/Open House for GIS. This will be discussed at the next meeting.

The Advisory Feedback Survey was given to the industry members and students.

Next meeting to be decided.

VI. Adjournment 1:35 pm