

Northern New Mexico College ACM Student Chapter

921 N. Paseo de Oñate

Española, NM 87532

Chapter Chair: Vikram Ahluwalia, Vikram_z_ahluwalia@nnmc.edu

Chapter Vice Chair: Nathan Torrez, Nathan_a_torrez@nnmc.edu

Chapter Treasurer: Tenzin Shedup, tenzin_shedup@nnmc.edu

Chapter Secretary: Bryanna Ellis, bryanna_j_ellis@nnmc.edu

Faculty Sponsor: Sadia Ahmed, sadia.ahmed@nnmc.edu

Northern New Mexico College ACM Student Chapter and Northern New Mexico College

Northern New Mexico College (NNMC) is situated in a rural part of Northern New Mexico in the beautiful Espanola valley surrounded by mountains. Business, Education, Engineering, and Nursing are our accredited programs at NNMC. The NNMC College of Engineering's Information Engineering Technology (IET) program received ABET accreditation in 2013-2014 and is the proud home of our large number of Hispanic students from the surrounding community. Our chapter is made up of many IET students of NNMC. This is the first ACM student chapter at NNMC and we are very proud of it. We have a wide variety of interests including Computer Networking, Cyber Security, Advanced Level Programming, Database Management, and Electro-Mechanical Engineering. Our chapter currently consists of 14 ACM members.

The typical majors of our chapter members are Information Engineering Technology. We hope to add members from Electro-Mechanical Engineering. There are over 150 students at NNMC who take computer science and related courses.

URL: We are currently working on launching our chapter website to present all the wonderful events that we have accomplished so far and will continue to host in the future.

ACM Student Chapter Competition

Category: Outstanding Chapter Activities

Flyers and Photos: Attached in Appendix A

(Northern New Mexico College: NNMC)

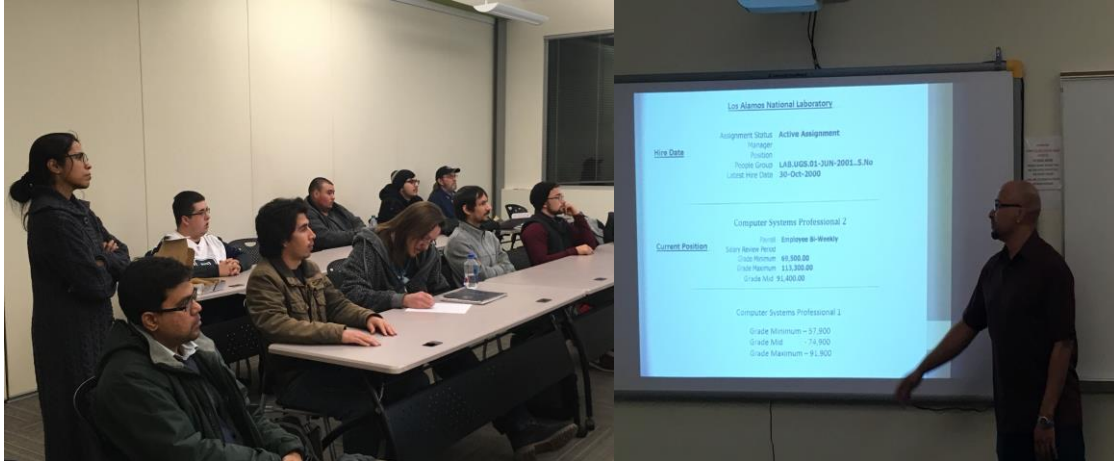
(College of Engineering and Technology: CET)

Essay

- 1. Activity 1: Student Career Path Session, December 1st, 2016:** The ACM chapter held the first CET Student Career Path Session. In which, students in our college who are already working in the IT field attended our event and presented their work using PowerPoint presentation. The audience consisted of fellow engineering students. In total there were 15 students and 7 speakers. The speakers talked about how they applied their learnt knowledge from our college to real job field and their experiences as an IT professional. As a student, we felt the conversation between IT students and IT professionals who are also IT students is very crucial. It gives us an idea about the IT work fields and professional fields in general that we, as student need to know. We discovered a lot more about IT work field through all the speakers that day. All the participant speakers were well prepared and are very knowledgeable. The event had light refreshments, volunteered by advisor Dr. Sadia Ahmed. This event inspired us to move towards the right direction and it also motivated us to see student IT professionals working in their chosen field.
- 2. Activity 2: Visit Local Newspaper Publishing, February 23rd, 2017:** The ACM chapter held the CET visit to the local newspaper (Rio Grande Sun) situated across our college. During this visit 4 of our students and our advisor met with the publisher, the reporters, and other staff members. Each reporter discussed what their process was in deciding what to consider as news, what to write and how they received the information. The editor gave us an overview of how she decides which articles to run and the location of each article. She uses a publishing software program to fit the articles into each newspaper page properly. We also had a tour of the facility in its entirety. We were shown the different mechanisms and machines used until the late 1990's prior to the newer computer based publishing technologies. These mechanisms were used not only to print or create the paper itself, but were also used to create articles. Although creating news is not something done by engineers, we felt it was important to have an event that brought us back to our community. Our visit was published with photograph on March 16th Rio Grande Sun publication.
- 3. Activity 3: Coding Competition, March 4th, 2017:** The ACM Chapter held the first CET computer programming competition. Students were given five different coding problems to complete using Java programming language. The programs ranged from creating and manipulating simple arrays to creating forms by implementing an Action Listener. This competition was also very helpful for students taking programming courses here at Northern New Mexico College, as the following week they took their

midterm exams. Our advisor, Dr. Sadia Ahmed also motivated competitors to do well as she provided prizes for the first and second place winners.

Appendix A



Student Career Path Session



Rio Grande Sun Visit



Coding Competition



Student Career Path Session

Event Hosts:
**NESA / NNMCM ACM
Student Chapter**

Date: **December 1, 2016**

Time: **5:00pm - 6:00pm**

Location: **SERPA 104**



Flyer: Student Career Path Session

Get to Know Your Community!
Event: Trip to Rio Grande Sun



Event Hosts:
**NESA /
 NNMC ACM
 Student Chapter**



Time: **10:00am - 10:45am**
Location: **Rio Grande Sun**
Date: **February 23, 2017**



Flyer: Trip to Rio Grande Sun

Coding Competition
 Hosted By: NESA/ACM Northern Chapter

CAUTION
 Programming
 is addictive
 (and too much fun)

**When: March
 4, 2017**

Where: HT 123
Time: 3:00pm
**What: coding
 Competition**



Winners will receive gift cards!!!

Flyer: Coding Competition