Central New Mexico Community College

SCHOOL OF MATH, SCIENCE, AND ENGINEERING

Engineering Advisory Committee Meeting Minutes
May 2, 2025
Max Salazar Building (MS) 413
1:00 PM-3:00 PM
AGENDA

Welcome and Member Introductions

Attendees:

CNM Faculty/Leadership/Staff:
Phil Lister-MSE Dean
Anna Gilletly-MSE Associate Dean
Theresa Aragon-Engineering & Physics Faculty
Leo Silbert-Engineering & Physics Faculty
Nora Mendoza-MSE Academic Affairs Program Manager
Dorothy Duran- CNM Workforce & Community Success Employer Outreach Manager

Industry Leaders:
Lori Torres-Recruiting Program Lead, SNL
Elias Archuleta-PE, Deputy County Manager, Bernalillo County
Bin Lim-Professor and Department Chair, NMT
John Romero-Water Resource Allocation Program Director, State of New Mexico
Genneysburgh Izquierdo Mejias-Technical Project Manager, Intel
Sara Cesena-Recruiter, LANL
Elsa Castillo-Director, UNM School of Engineering-Engineering Student Success Center
Dara Smith-Student Recruitment Specialist, UNM School of Engineering-Engineering Student Success Center
Gregory Vigil-Student Recruitment Specialist, UNM School of Engineering, Engineering Student Success Center
Brian Radke-Program Manager, Rocketlab
Jennifer Hill-Senior Engineering, Daniel B. Stephens & Associates
Adrian Campbell-Mechanical & Equipment Engineer, Merrick & Company
Colin Brolley-Senior Mechanical Equipment Design Lead, Merrick & Company

CNM Engineering Student Ambassador:
Seth McBride, Engineering Major

CNM Programs

Introduction to Engineering Associates Program
Talking points-Number of Engineering Majors vs number of graduates
- Many students transfer to 4-year institution before they graduate with Engineering AS Degree
- MSE's Goal: increase retention in order to convert Engineering majors to Engineering AS graduates.

Introduction to Explosives Safety Technician Program
Engineering Technology Certificate Program
- New program with focus on semi-conductors and nanotechnology

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Highlights from this year

Outreach Events
Refined transfer agreements with New Mexico Tech
STEM Core & Summer Bridge Programs
Internships
Apprenticeships-Merrick & Co.

Society of Women Engineers (SWE) at CNM-Theresa Aragon, SWE Sponsor

CNM has joined the national chapter of Society of Women Engineers with 15 members
Collegiate to career program
Would like to provide real life experience for students with field trips to industry sites

CNM Workforce & Community Success-Dorothy Duran

Support:
Internships-can pay a portion of the hourly rate
Micro-internships-have partnered with Parker Dewey
provide remote short-term, 25 hours project, fully funded
Job Shadowing-seeking industry leaders for job shadowing experiences

Industry feedback on Internships:

Brain/Rocketlab-posting internships for fall and will try to change postings to include 2-year students
Jennifer/DBS&A-students may need some assistance with their resumes and they should college/university coursework.
Coaching on professional attire for interviews would also be helpful.
Elsa/UNM-UNM's Office of Career Services hosts a Professional Resume Critique event. Engineers critique students resumes and provide feedback. She will share event information after she checks with her team. Perhaps CNM students transferring to UNM can participate.
Elsa also hosts a professional clothing donation drive for students to use at conferences/interviews
Elias/BernCo-students interested in interning in Public Works/County need to focus on civil side in coursework.
Genneysburgh/Intel-include anticipated date of graduation on resume

Industry feedback on professional skills/Engineering course topics:

Understand concepts that include:

- Finance
- business models & organization
- procurement
- present worth-analysis
- construction costs
- project management
- marketing skills
- CAD systems/Solidworks

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***CNM Engineerng Faculty response:** many of these concepts are introduced Junior/Senior years. However, there is the possibility of adding an additional 1 credit hour lab to ENGR 1101: Survey of Engineering where some of these concepts could be introduced along with real life Engineering design, and career & professional development.

Adjournment & Member Survey: 3:00 pm