2023 Industry Advisory Committee Meeting Minutes

November 03, 2023, 8:30 am

Philip Braker conducted the 2023 Industry Advisory Committee Meeting

The meeting was held in Room 301, Engineering Complex III, NMSU Campus.

Attendees:

Faculty

Oladayo Bello - Assistant Professor NMSU

Philip Braker - ICT Program Coordinator/Assistant Professor NMSU

Bárbara Gamillo – IET Program Coordinator/Associate Professor NMSU

Gabe Garcia - Dept Head ETSE

Mark Lawrence – Professor of Practice NMSU

Rolfe Sassenfeld – M-IT Coordinator Professor NMSU

IAC members

Michael Alvillar – Peraton/ITNE

Tim Chappell - DACC

Eugene Hanway – Jacobs Engineering

Piyasat Milkaew - Cisco

Christopher Olsen - Los Alamos National Labs – Solutions Architect

Art Trujillo - NMSU

Students

None

8:30 - Welcome and Introductions

- **Attendees:** IT Faculty and members of the Industry Advising Committee were welcomed and introduced.

8:50 - Last Meeting Minutes

- **Review:** The minutes of the last meeting were included in the attendees' packets for reference.

9:00 - Updates Since Last Meeting

Enrollment Figures: Discussion on the continued growth in the ICT and MIT programs.

Master of Information Technology (MIT):

Current trends and expected growth in the program were presented.

ICT Program Updates:

- **ABET Accreditation:** Progress on the ABET accreditation for the ICT program was shared.
- **Course Overview:** Presentation of courses included in the 2 to 4-year programs.
- **Concentration Presentations:** Updates by Christina on Software, Mark on Cyber Security, and Oladayo on Network concentrations.

NSA – Center of Excellence (COE): Submission of the ICT program for certification, with the Certification for NMSU scheduled submission from 15 Nov to 12 Dec.

- **PSL SCIF Restart:** Discussion on restarting the PSL's SCIF.
- **Post Certification Plans:** Consideration of adding DACC and MIT after NMSU certification.

Objectives and Student Outcomes:

- **ICT Objectives Vote:** A motion to accept the ICT Objectives as written was proposed by Mark, seconded by Eugene, and passed unanimously.
- **ICT Outcomes Vote:** A motion to accept the ICT Outcomes as written was brought by Art, seconded by Tim, and passed unanimously.

ICT Accreditation and Concentrations

- **Update to IAC on ABET Work:** The meeting included an update to the Industry Advising Committee on the ongoing efforts towards achieving ABET accreditation for the ICT program.

- **Presentation of Four Concentrations:** The ICT program's four existing concentrations were presented to the IAC. This presentation aimed to inform the committee about the distinct focus areas within the program, each with its specialized curriculum and objectives.

ICT 4-Year Program Path

- **Presentation to IAC:** The structure and details of the ICT program's 4-year path were presented to the Industry Advising Committee.

IET Program:

- IET Revised Outcomes Vote: A motion to accept the IET Revised Outcomes as written was brought by Philip, seconded by Piyast, and passed unanimously.

11:00 - Break

11:10 - New and Upcoming Initiatives

Bachelors of ICT Vision: Discussion on the future vision for the bachelor's program in ICT.

IT Certifications:

- Consideration of funding for the ICT 267 CompTIA Security+ certification fees.

New Student Enrollment: Deliberations on new student enrollment strategies.

Continuous Education Component:

- Request to the IAC for 2-5 recommendations on adding or improving program curriculum.

11:40 - Other Items

Industry Suggestions/Observations:

- Emphasis on teaching the broader implications of AI.
- The importance of being a functional, empathetic member of society.
- LANL's request for assistance in engaging ICT students for potential recruitment opportunities.

Alumni and IAC Engagement: Discussions on enhancing the involvement of alumni and IAC members.

11:55 - Adjournment

Professor Lawrence moves to adjourn the 2023 IAC meeting, Dr. Sassenfeld 2nds. The adjournment is approved unanimously.

Submitted by: Mark Lawrence