

Student Learning Outcomes Assessment Summary

Mechanical Engineering, BS/MS

College of Engineering and Mines (CEM)

2012/13 – 2013/14

Submitted by: Rorik Peterson

Contact Information: x5593

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1. Assessment information collected

- a. Faculty Course Assessment Reports (FCAR)
- b. Senior exit survey
- c. Post-defense report from committee chair
- d. Graduate study plan and GPA
- e. Authorship in journal manuscripts, reports, and technical documents.

2. Conclusions drawn from the information summarized above

- a. Graduates have the broad range of skills necessary to succeed in the engineering profession.
- b. Graduates are knowledgeable in the advanced topics of their research projects, and able to communicate quantitative information in both oral and written form.
- c. Submission and publication of thesis research before or after graduation is not wide spread
- d. Graduation rate in 5 or less years is low.

3. Curricular changes resulting from conclusions drawn above

- a. Possible avenues for publication of research should be part of the annual graduate committee report.
- b. GAC should review coursework and research plans at first graduate committee meeting.

4. Identify the faculty members involved in reaching the conclusions drawn above and agreeing upon the curricular changes resulting

Cheng-fu Chen

Deben Das

Jonah Lee

Sunwoo Kim

Chuen-Sen Lin

Jifeng Peng

Rorik Peterson

Yujiang Xiang

Lei Zhang