



College of Science (CSCI)
North Science 135
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2013-2014 CSCI EETF Assessment Year End Report, 2014

Program Name(s)	EETF Faculty Rep	Department Chair
Engineering Management	David Bowen	Saeid Motavalli

A. Program Student Learning Outcomes

The Student Learning Outcomes :

- a Develop advanced analytical skills in optimization, planning and control, and other quantitative management techniques
- b Effectively manage teams of multi-disciplinary and multi-cultural professionals .
- c Understand the impact of engineering and management decisions in a global, economic, environmental, and societal context
- d Have the ability to effectively and persuasively communicate
- e Recognize the need for, and have an ability to engage in, life-long learning

B. Program Student Learning Outcome(s) Assessed

SLO a - Develop advanced analytical skills in optimization, planning and control, and other quantitative management techniques

C. Summary of Assessment Process

The ability to develop advanced analytical skills in optimization, planning and control, and other quantitative management techniques was assessed via student performance on the course midterm for the Engineering 5200 Simulation course offered in Fall 2013.

D. Summary of Assessment Results

Outcome (a): Develop advanced analytical skills in optimization, planning and control, and other quantitative management techniques

Indicator : Course midterm questions.

Students scored an average of 70% on the exam, with a range of 96% to 20%. Key to answering correctly was ability to use simulation software and the underlying mathematical and engineering principles.

E. Suggestions and Recommendations for the CSCI EETF in the Future

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