

General Education Annual Course Assessment Form

Course Number/Title Engr 5 Science of High Tech GE Area B1

Results reported for AY 2011-2012 # of sections 4 # of instructors 1

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Department Chair: Ahmed Hambaba College: Engineering

Instructions: Each year, the department will prepare a brief (two page maximum) report that documents the assessment of the course during the year. This report will be **electronically submitted**, by the department chair, to the Office of Undergraduate Studies, with an electronic copy to the home college by September 1 of the following academic year.

Part 1

To be completed by the course coordinator:

(1) What SLO(s) were assessed for the course during the AY?

SLO 1: Students should be able to use the methods of science and knowledge derived from current scientific inquiry in life or physical science to question existing explanations

(2) What were the results of the assessment of this course? What were the lessons learned from the assessment?

SLO 1 was assessed through three different measures:

- In-class questions (“reaction papers”) to check for understanding at the end of class. The instructors use these reaction papers to determine students’ understanding.
- Each of the two laboratory activities are based on guided-inquiry learning principles
- Questions on homework problem sets, midterm, and final provided data which the students had to use to explain the science underlying a technology.

Below are the composite grades for the Spring 2012 sections of Engr 5

Spring 2012		
A, B	17	51.5%
C	11	33.3%
D or lower	5	15.2%
	33	

Based on this data, 85% of the students passed with satisfactory grades of C or better.

(3) What modifications to the course, or its assessment activities or schedule, are planned for the upcoming year? (If no modifications are planned, the course coordinator should indicate this.)

No modifications are planned.

Part 2

To be completed by the department chair (with input from course coordinator as appropriate):

- (4) Are all sections of the course still aligned with the area Goals, Student Learning Objectives (SLOs), Content, Support, and Assessment? If they are not, what actions are planned?

All sections of Engr 5 are still aligned with the GE Area's Goals, Student Learning Objectives (SLOs), Content, Support, and Assessment.