



Assessment of Program Effectiveness – Student Learning Outcomes

Year: (e.g, 2007-2008)

Department:

Engineering Technology

Degree Program:

Control and Instrumentation

Learning Outcome Goal:

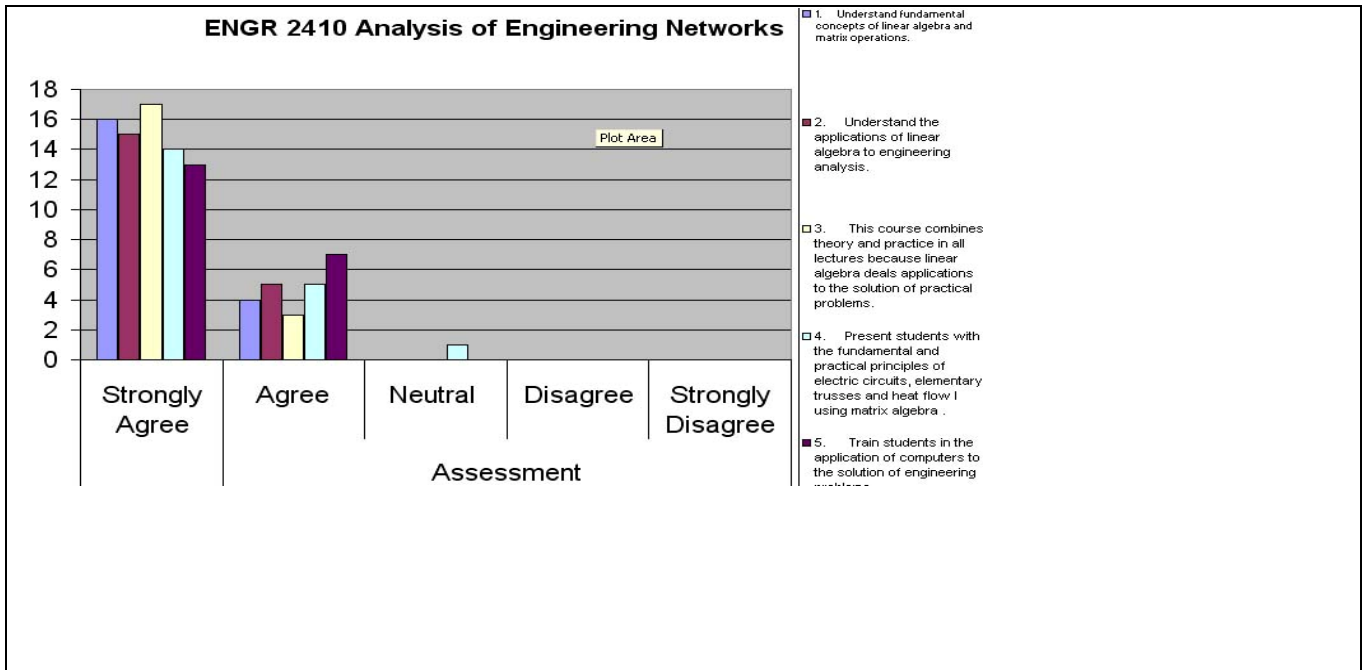
(1) have an appropriate mastery of the knowledge in electronics, computer technology, data communication, instrumentation and control systems,
(2) be able to apply mathematics as the tool and the concepts of chemistry, physics, and electricity for problem formulation and solutions,
(3) be proficient in the analysis, design, test, and implementations of instrumentation and control systems using appropriate software and hardware tools and devices,
(4) be able to effectively communicate technical information and details verbally and in writing,
(5) be able to conduct information searching and processing and develop the ability for self-learning,
(6) be able to plan and execute project work to achieve the expected goals,
(7) be able to function effectively and positively in team settings,
(8) appreciate ethnic, cultural, and religious diversity,
(9) understand the value and role of professional organizations as resources for technical information, career direction and networking, and community involvements,
(10) understand and uphold professional, ethical and social responsibilities, and
(11) be a well educated individual who appreciates continuous personal and professional growth.

Assessment Procedure (Describe which goal is being assessed, assessment procedures used, identify who conducted the assessment and the date on which it was completed):

All assessment procedures are established and described in the **Continuous Improvement Plan, Control and Instrumentation Program**. This plan was defined and implemented in the Spring of 2007. Data was collected for all assessment criteria in the fall of 2008. All steps prescribed in the plan were performed during the semester. The Engineering Technology Department will perform the established tasks each future semester.

Assessment Results and Interpretations (Be as specific as possible):

The following assessment tasks were performed in the Fall 2007:
Exit interviews
Assessment of program goals by graduates
Assessment of course outcomes. For all courses offered.
Assessment Sample



Use of Results: (Indicate when and how the results were discussed by program faculty, what assessment-based decisions were made regarding the program, and timeline for implementing any changes approved by the faculty. Include dates of actions taken).

Discussions of assessment results between faculty and Program coordinator.

Implementation of corrective actions when necessary.

Sharing of assessment results with the Industry Advisory Board

Meeting Notes (List dates of meetings when assessments results were reviewed and analyzed and decisions made regarding how results could be used to improve program quality. Beginning in 2008, the attached meeting notes template should record what took place at all assessment meetings. Meeting notes are to be maintained by the Department.)

Emails documenting sharing of assessment results with the Industry Advisory Board are in the files of the Engineering Technology Department