

Course Assessment Summary
COE 390 Seminar (1-0-1)
Term 062

Course Learning Outcomes

1. Knowledge of contemporary issues.
2. Ability to make effective presentation.
3. Knowledge of professional and ethical responsibility.
4. Understanding the impact of engineering solutions in a global and societal context.
5. Ability to engage in life-long learning.

Section#	Source of Outcome Data	Outcome1	Outcome2	Outcome3	Outcome4	Outcome5
1	Instructor Evaluation	94.7%	79.1%	90.4%	100%	92%
	Student Survey	80.25%	84%	85.75%	80.25%	71.5%
2	Instructor Evaluation	84.3%	68.2%	75.6%	91.3%	82.9%
	Student Survey	65%	70%	85%	88%	72%
3	Instructor Evaluation	84.96%	79.4%	78.52%	90.93%	80.35%
	Student Survey	80%	80%	85%	70%	75%
4	Instructor Evaluation	67.84%	83%	86.96%	94.8%	90%
	Student Survey	100%	75%	91.75%	83.25%	91.75%
Overall	Assessment Rating	Achieved	Achieved	Achieved	Achieved	Achieved

Observations:

1. Instructor of Section 1 observes that proper referencing is considered a weak point that needs to be enhanced. Also, while presentation skills are considered good, this should be emphasized in several courses.
2. Instructor of Section 2 observes that since the course is 1 credit hour, some students do not take it seriously. Students need to do more than two presentations to enhance their presentation skills. Students seem to have weakness when writing a paper by copying without proper referencing and without rephrasing the information in their own words.
3. Instructor of Section 3 thinks that the assessment of presentations should also focus on the depth of the topic covered and not just on the mechanics of the presentations. One credit hour is not enough to improve students' presentation skills. There should be an

extra summary paper to improve students' writing skills based on instructor's recommendations.

4. Number of students who filled the indirect assessment survey for section 4 is very small (4 out of 13).
5. Instructor of Section 4 thinks that the methods used for assessing Outcomes 1, 3 and 4 need to be improved. For example, Outcome 1 and 4 are currently assessed based on attending guest speaker presentations and summarizing key points learned. Outcome 3 is assessed based on writing a paper and making a presentation related to computing ethics.

Recommendations:

1. Improve assessment methods for Outcome 5 by adding a component on presentation assessment that focuses on this outcome.
2. Enhance assessment of Outcome 3 by making a quiz on presented computing ethics topics
3. Enhance assessment of Outcomes 1 & 4 by making a quiz on presented guest speaker presentations related to the outcomes.