

Outcome EE-c. An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.

Course	Performance indicators
CpE 271, CpE 272, EE 224, EE 251, EE 252, EE 327, EE 336, EE 356	Assess grades in selected classes.
EE 480, EE 481	Analyze BIOM/CS/CpE/EE/480 and BIOM/CS/CpE/EE/481 Undergraduate In-Course Program Assessment Forms.
	Analyze Statler College of Engineering exit survey results related to this question.

Tools used: Final course grades in selected classes, Undergraduate In-Course Program Assessment Form, and Graduating Senior Survey

Data Collection: The data are collected every semester based on the course offerings.

Frequency of data collection: The data are collected every time courses are taught.

Data Analysis: The data obtained are analyzed every semester.

Closing the loop: This outcome is subject to review every year based on performance criteria and metrics and specific action items are developed, if necessary, to revise the content of the courses. The analyzed data are presented separately to the following groups in meetings.

- a) Faculty
- b) Advisory Board

Performance criteria and metrics:

- a) Grades in CpE 271, CpE 272, EE 224, EE 251, EE 252, EE 327, EE 336, EE 356 with average final grades ≥ 2.0 .
- b) Grades in EE 480, EE 481 Undergraduate In-Course Program Assessment Forms with average grades $\geq C$.
- c) Self-assessment data from pertinent questions of Graduating Senior Survey with a response of 3.0 or higher.