

**Outcome EE-a.** An ability to apply knowledge of mathematics, science, and engineering.

Course	Performance indicators
EE 221, EE 223, EE 251, EE 327, EE 329, EE 335, EE 336, EE 345, EE 355, CpE 271, CpE 272	Assess in selected classes the students' ability to apply their knowledge of mathematics, science, and engineering.
	Use relevant self-assessment data from the WVU Graduating Senior Survey.

Tools used: Undergraduate grades in selected classes , 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) Final course grades in EE 221, EE 223, EE 251, EE 327, EE 329, EE 335, EE 336, EE 345, EE 355, CpE 271, CpE 272 with average semester grades  $\geq C$ .
- b) Self-assessment data from pertinent questions of Graduating Senior Survey with a response of 3.0 or higher.