



Academic Program Assessment Report for AY 2022-2023

(Due: June 1, 2023)

Program: Engineering

Date report completed: June 12, 2023

Completed by: Jude DePalma

Assessment contributors (other faculty involved): _____

I. **Assessment of Student Learning Outcomes (SLOs) in this cycle.** Including processes, results, and recommendations for improved student learning. Use Column H to describe improvements planned for 2019-2020 based on the assessment process.

II.

A. Which of the program SLOs were assessed during this cycle? Please include the outcome(s) verbatim from the assessment plan.	B. When was this SLO <u>last</u> reported on prior to this cycle? (semester and year)	C. What method was used for assessing the SLO? Please include a copy of any rubrics used in the assessment process.	D. Who was assessed? Please fully describe the student group(s) and the number of students or artifacts involved (N).	E. What is the expected proficiency level and how many or what proportion of students should be at that level?	F. What were the results of the assessment? (Include the proportion of students meeting proficiency.)	G. What were the department's conclusions about student performance?	H. What changes/improvements to the <u>program</u> are planned based on this assessment?
3. Communicate effectively with a range of audiences.	Never in this specific form. We revised our SLOs to match new ABET SLOs. The new SLO 3 includes old SLOs (g)	We reviewed the assessment of this SLO from individual classes.	All students in each of the classes were assessed, using specific assignments in each class.	The level differed by class. For example 80% of students achieve a score of 80%.	The goal was met.	NA	None.

6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	Never in this specific form. We revised our SLOs to match new ABET SLOs. The new SLO 6 includes old SLOs (b)	We reviewed the assessment of this SLO from individual classes.	All students in each of the classes were assessed, using specific assignments in each class.	The level differed by class. For example 80% of students achieve a score of 80%.	The goal was met.	NA	
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Comments on part I: None

II. Closing the Loop. Describe at least one data-informed change to your curriculum during the 2020-2021 cycle. These are those that were based on, or implemented to address, the results of assessment from previous cycles.

A. What SLO(s) or other issues did you address in this cycle? Please include the outcome(s) verbatim from the assessment plan.	B. When was this SLO last assessed to generate the data which informed the change? Please indicate the semester and year.	C. What were the recommendations for change from the previous assessment column H and/or feedback?	D. How were the recommendations for change acted upon?	E. What were the results of the changes? If the changes were not effective, what are the next steps or the new recommendations?

Comments on part II:

This year we continued to focus on revisions of our assessment plan to bring our student outcomes into alignment with the new ABET outcomes. . On outcome 3 faculty are considering surveying the general audience for feedback on PowerPoint presentations. On outcome 6 faculty agreed to plan for the students to take their final exam in the computer lab instead of having a take home. During the final exam, students are given extra time to work on gathering the data and transferring it to the appropriate analysis software.