



Annual Assessment Report for Academic Programs

The University Assessment Team advocates for the enhancement of student learning through purposeful, meaningful, and feasible student-outcomes assessment practices. The Assessment Team seeks to collaborate with programs, departments, and units to ensure that effective assessment of student learning occurs across the University. To assist in meeting this goal, the Team requests that you complete this Annual Assessment Report form to document student learning in your program. A PDF version of this completed form will be posted to the Academic Affairs Assessment website. Please note that this Annual Assessment Report form should only be completed after you have an Assessment Plan for Academic Programs forms on file with the University Assessment Team. The plan is completed once and only updated when revisions have been made to components of the plan.

1. Degree Level and Program Name: BS Mechanical Engineering

2. College/School: College of Engineering & Science

3. Assessment Overview - Briefly share how student learning outcomes assessment is conducted within your program/department (e.g. number of outcomes, examples of assignments used, and frequency of assessment).

We have 10 student learning outcomes. We assess them using 4 different metrics. 1) Course worksheets, 2) Coop survey, 3) FE exam, 4) Senior exit survey. Go to www.udmmeassessment.space for more information.

4. Student Learning Outcomes - Which student learning outcome(s) from the assessment plan filed with the University Assessment Team is/are being reported on in this report? Include the corresponding benchmark(s) for each outcome.

SLO 6: an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Assessed using the 4 methods listed above. We would like to see an assessment score of 3 or above.

Institutional Outcomes - For which institutional outcome(s) do the reported student learning outcome(s) align?

SLO Outcome Alignment	Institutional Outcome
	I. Jesuit & Mercy Values
	II. Diversity & Cultural Awareness
Yes	III. Critical Thinking & Problem Solving
	IV. Communication
	V. Professionalism
	VI. Lifelong Learning

6. Assessment Period: Select the academic year for which you are reporting results (i.e. when data were collected):

2020-2021



7. Results, Planned Actions, and/or Actions Taken -Briefly summarize the assessment results, how they relate to benchmark(s), and how you are using them to enhance student learning and improve program quality.

The assessment score for course was 4.37, the FE exam was 4.3, Coop survey was 4.4, and the senior exit survey was 4.7. In general, these are good assessment scores, but there were a few action items that the department developed and implemented. For the full report see www.udmmeassessment.space and click on reports.

Attachment(s):

[outcomes-20-21_Kirstie Plantenberg.pdf](#)