



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 Mathematics

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).

The program has three student learning outcomes and assesses one of them each year.

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.

Students will develop an ability to read, write, listen, and speak mathematically; to read and understand mathematically based material; to contribute effectively to group efforts.

a) Students will be assessed in MTH 2760 using a Mathematical Induction Proof.

b) Students will be assessed in MTH 3720 using a rubric for group problem solving.

c) Students will be assessed in MTH 4350 using an oral presentation.

In all cases, the benchmark is for at least 75% of students to earn a basing score.

5. 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
Yes	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):

2022-2023



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.

- a) MTH 2760 was not offered, so no students were assessed.
- b) In MTH 3720, a rubric was used to assess how well students were working in groups. 100% of students received a passing score although the weakest area was, "fully utilizing each member's knowledge and experience.
- c) There was only one student in MTH 4350 and this student received passing grades on all his weekly oral presentations.

Attachment(s):

None