



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: B.S. in Civil 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).

Program Outcome (1): An ability to identify, formulate and solve complex engineering problems by applying principles of Engineering, science and mathematics

Program Outcome (2): An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety and welfare, as well as global, cultural, social, environmental and economic factors

Program Outcome (3): an ability to communicate effectively with a range of audiences

Program Outcome (4): an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgements, which must consider the impact of engineering solution in global, economic, environmental and societal

Program Outcome (5): an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goal, plan tasks and meet objectives.

Program Outcome (6): An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgement to draw conclusions

Program Outcome (7): An ability to acquire and apply new knowledge as needed, using appropriate learning strategies

Assessment tools:

1. In-Course Assessments
2. External Evaluators
3. Senior Exit Survey



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.

Outcome 1-7

Expectations:

The program faculty members hope that all students excel in the program. However, the reality is that some students will exceed the abilities of the others. In order to decide whether the program educational outcomes have been reached it is allowed for students to reach different achievement levels on each outcome. Some students will be experts in some areas, but only moderately capable in other areas.

Number of Students achieving each rating

5 = very high level of achievement: (Worst distribution of students allowable to have a successful program. 1%: appropriate rating is: “Satisfied”)

4 = high level of achievement: (Worst distribution of students allowable to have a successful program.49%: appropriate rating is: “ Mostly Satisfied”)

3 = acceptable level of achievement: (Worst distribution of students allowable to have a successful program. 40%: appropriate rating is: “Partly Satisfied”)

2 = low level of achievement: (Worst distribution of students allowable to have a successful program.10%: appropriate rating is: “Lacking” or “Needs Improvement”)

1 = not achieved : (Worst distribution of students allowable to have a successful program. 0%: appropriate rating is: “ Not Satisfied”)

Wherever this report or any course assessment report says that an outcome is “mostly satisfied” then please refer to these expectations.

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
	III. Critical Thinking & Problem Solving
Yes	IV. Communication
Yes	V. Professionalism
Yes	VI. Lifelong Learning

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

2023-2024



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.

See attachment

Attachment(s):

[V2 Bachelor+CE+outcomes 24_Utpal Dutta.doc](#)