



# 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:** Ph.D. 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).

There are 3 outcomes: Technical Competence, Research skills and Effective communication. In course assessment: Coursework: Primarily lecture and lab courses. Evaluation of performance: Most lecture courses have home assignments, projects and multiple exams. Some courses have oral presentation. Additionally, students must complete dissertation documenting their research work. They also take qualifying exam (Math and departmental). They also present their research proposal to a committee consists of five members (minimum one external). Finally, they defend t their dissertation as a part of public presentation. At the end of presentation, followed by Q/A session the committee may approve their work, or reject their work or may request for more work to address unexplained sections of the dissertation.

**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 : Analyze and design a complex engineering system or component (Technical Competence)

Outcome#2: Independently investigate an engineering topic and make conclusions about its effect on designs (Research Skills)

Outcome#3: Present an engineering solution (Effective Communication)

**"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):

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.

During 2023-2024 only one student attempted to defend his dissertation but more work was requested. No update yet. This student has completed his qualifying exam and research proposal successfully. A due date must be established to complete research work after defense.

**Attachment(s):**

None