



## Annual Assessment Report 2021-2022

### BS Chemical Engineering Chemical & Materials Engineering College of Engineering

#### CONTACT

Name of Program Assessment Lead Laila Jallo

Name of Person Completing Report Laila Jallo

#### DISCIPLINARY ACCREDITATION Yes

#### DEVELOPMENT AND DOCUMENTATION OF STUDENT LEARNING OUTCOMES

How were the program's SLOs developed? (select all that apply)

- Our disciplinary accrediting agency has required learning outcomes, so we use them.

Other than the [CPP Catalog](#) and the [Office of Assessment and Program Review website](#), where else are your SLOs published? Select all that apply.

- Department Website - provide URL: <https://www.cpp.edu/engineering/cme/outcomes.shtml>
- Published in alternative place. Please specify: ECOs

#### ASSESSMENT ACTIVITIES IN 2021-2022

This section provides the opportunity for programs to share and discuss assessment activities conducted in **AY 2021-2022**. This includes data collection, rubric development, data analysis, discussion of findings, development or implementation of closing the loop improvement strategies, update of your assessment plan and/or curriculum matrix, etc.

How many total SLOs does your program assess according to your assessment plan?

- 7

**How many SLOs did your program assess this past year in 2021-2022?**

- My program assessed SLOs in AY 2021-2022

**Please list the SLOs examined**

- SLO #1: an ability to communicate effectively with a range of audiences

**Student Learning Outcome (SLO): an ability to communicate effectively with a range of audiences**

Assessment Activities	Evidence Used	Evaluation and Interpretation of Evidence
<ul style="list-style-type: none"><li>• Collected direct evidence (e.g., student work, exam items, etc.)</li><li>• Scored direct evidence of student learning</li><li>• Interpreted and made meaning of findings for direct evidence</li></ul>	<ul style="list-style-type: none"><li>• Capstone product (e.g., project, senior thesis, etc)</li></ul>	<ul style="list-style-type: none"><li>• Used rubric or scoring guide</li><li>• Scored exams/tests/quizzes</li></ul>

Findings			
N of Artifacts	Criterion Used	Goal Met	Eye-opening Result
27	Using the university GWT rubric, a benchmark of 7 out of 12 total points considered passed. The program considers a median score of 9 and above as the benchmark for proficiency in each of the criteria on the rubric.	Yes	That our students were not proficient in organization and development

## IMPROVING THROUGH ASSESSMENT

**Overall, what best describes how the program used the results in 2021-2022? Select all that apply.**

- Use is pending (typical reasons: insufficient number of students in population, evidence not evaluated or interpreted yet, faculty discussions are ongoing, etc.)

**Ideas to improve student learning can come from different constituents. With whom did the program discuss assessment planning and/or share results during AY 2021-2022? Select all that apply.**

- Program/department faculty as whole
- College assessment committee
- Other, please explain: The results were shared at the COE fall 2022 Conference

**The past academic year posed both challenges and opportunities. Please share any assessment discoveries (e.g., insights about assessment procedures, great achievements, etc.) regarding program assessment in 2021-2022 so that others may learn from your experiences.**

None

**CPP's GI2025 goals** What assessment-related efforts do you already implement, or would implement to support the campus' diversity, equity, and inclusion (DEI) efforts? (e.g., planned or current disaggregation of assessment data by race/ethnicity, etc.) Undergraduate programs may wish to refer to CPP's GI2025 goals. (Not Mandatory)

We are planning for the near future to look at our data for critical thinking and communication skills through a diversity, equity and inclusion lens.

**Does the program offer a certificate or credential (e.g., teaching credential)? :**

- No

**The most current assessment plan and curriculum matrix we have on file for your program may be found [here](#). To ensure we have the most updated assessment plan and curriculum matrix for your program, and for posting on our website, please upload the following documents:**

**Assessment Plan**

Yes

**Curriculum Matrix**

Yes