Annual Assessment Report 2021-2022

MS Aerospace Engineering

Aerospace Engineering

College of Engineering

CONTACT
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Name of Person Completing Report Navid Nakhjiri

DISCIPLINARY ACCREDITATION No

DEVELOPMENT AND DOCUMENTATION OF STUDENT LEARNING OUTCOMES
How were the program's SLOs developed? (select all that apply)
   o   We do not have disciplinary accreditation but drew from our disciplinary/professional organizations, and developed our SLOs as a program/department.

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/aro/graduate/index.shtml
- Brochures or other printed material

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?
- 5

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

- My program engaged in other assessment activity not specific to any SLO (e.g., modified curriculum matrix or assessment plan, etc.)

Please share the assessment activities the program engaged in that were not specific to any SLOs.

We received an assessment mini-grant for Summer 2022 and rewrote all PLOs and SLOs for the MSAE program. The previous SLOs were developed when the program was under the MSE umbrella and shared SLOs with other MS options under the same umbrella. In the Fall of 2021, we separated the program and start offering MSAE as a discipline-specific program which mandated a revision of SLOs and PLOs. Additionally, starting in the Fall of 2022, we changed the modality of our program to a Hybrid Program. That also mandated changes that aligned the assessment plans with the new modality. We have developed a new assessment plan based on new SLOs and created new ways to collect student outcome data for assessment which is implemented for AY 2022-23.

IMPROVING THROUGH ASSESSMENT

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.

Attending the assessment workshops and receiving the mini-grant over the summer allowed us to dive into the plan for the MSAE program, which needed revision for a long time.

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)

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 <u>here</u>. 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
No