TO: Nashwan Younis, Chair of Civil and Mechanical Engineering
FROM: ETCS Assessment Committee
SUBJ: 2019-2020 Assessment Report for ME
DATE: February 5, 2020

The ETCS Assessment Committee has received and reviewed the ME program 2019-2020 Assessment report. Our comments below follow the rubrics derived from the revised Senate Document 98-22 Appendix D.

We found that the CPE program assessment report has several positives. Here are some notable strengths of the assessment report:

- The alignment of the SOs with the strategic plan.
- The extensive Assessment of Program Educational Objectives.
- Using the admittance and performance in graduate programs as a measure of PEO.
- Using levels to measure CLO achievement: Y/A = Yes, adequately; Y/S = Yes, strongly, No = Not achieved, N/A = Not applicable.
- Using a collection of assessment criteria that the instructor uniquely designs for each course.
- "Closing the Loop" after each subsection.
- Comparing results with past iterations of exit surveys.
- The historical record of Course Assessment Schedule, in Appendix B.

<u>Some points that need improvements:</u>

- Providing one report for both semesters will be much easier to read and review.
- Some errors in figure/table references. Example: page #4.

<u>Assessment plan:</u>

- As part of the assessment plan, consider developing a set of rules for choosing courses to be assessed to ensure that all ME courses are assessed regularly.
- A table showing the mapping between SOs and the ME curriculum is expected next year.
- Some parts of the assessment plan are mixed with the results, leading to redundancy at some points. Consider clearly describing them in the next year's report.

<u>Reporting results:</u>

- Tables showing COs, faculty, and student evaluations are hard to read and relate to SLOs.
- Results for capstone projects I and II do not clearly demonstrate student achievement relative to the stated SLOs.

If you have any questions, please let us know.