TO: Dr. Beomjin Kim, Chair of Computer Science
FROM: ETCS Assessment Committee
SUBJ: 2019-2020 Assessment Report for CS
DATE: January 21, 2021

The ETCS Assessment Committee has received and reviewed CS's 2019-2020 Assessment Report. Our comments below follow the rubrics derived from the revised Senate Document 98-22. Appendix D.

Programmatic Student Learning Outcomes

- The six SLOs are student-centric, and their expectation level seems to exceed that established by the University.
- The clarity and specificity of the program's SLOs are based on the CAC criteria of ABET.

Programmatic Curricular Map

- The content alignment is done using common classes taken by the students.
- Table 3 on pg. 8 indicates the progression of student learning relative to the SLOs.
- Classes and activities appear to engage students in work outlined in the SLOs.

Alignment with PFW Baccalaureate Framework

- The alignment of SLOs with the PFW Baccalaureate Framework has been provided in the report.

Assessment Plan

- The relationship between assessments and SLOs has not been clearly established. The description of how SLOs relate to assessment is not clear. It is recommended that the CS program shows the measures used to assess SLOs.
- Both direct and indirect measures are used by the CS program to assess SLOs.
- Combined results have been given for direct and indirect measures shown in Tables 6 and 7 on pgs. 13-14. They only offer course assessment, but the assessment of SLOs is not clearly shown.
- The evidence of reliability in measures has not been established. It is recommended that the program indicates methods used to ensure the reliability of findings.

Reporting Results

- Course results have been provided, but no relationship is made to show results for SLOs.
- Historical comparison is made for continuous improvement (Table 16, pg. 24). The historical comparison of achievement of SLOs has not been provided.
- Interpretation of results has been done for courses. The results are not interpreted for the achievement of SLOs.

Report Dissemination and Collaboration

- The report is shared with the faculty. It is not clear if the report is shared with the PAB members.

Programmatic Change to Improve Student Learning, Achievement, and Success:

- It is recommended that the CS program works on their assessment process: (1) to assess each SLO using specific indicators, and (2) to show the historical progression of the assessment, evaluation, and improvements made in the achievement of the given SLOs.

Please contact us if you have any questions.