**2017-2018 Annual Program Assessment Report**

Please submit report to your department chair or program coordinator, the Associate Dean of your College, and to [james.solomon@csun.edu](mailto:james.solomon@csun.edu), Director of the Office of Academic Assessment and Program Review, by September 28, 2018. You may, but are not required to, submit a separate report for each program, including graduate degree programs, which conducted assessment activities, or you may combine programs in a single report. **Please identify your department/program in the file name for your report.**

**College: Engineering and Computer Science**

**Department: Mechanical Engineering**

**Program: BSME**

**Assessment liaison: J. Michael Kabo**

1. **Please check off whichever is applicable:**

**A. \_\_\_\_X\_\_\_\_ Measured student work within program major/options.**

**B. \_\_\_\_\_\_\_\_ Analyzed results of measurement within program major/options.**

**C. \_\_\_\_\_\_\_\_ Applied results of analysis to program review/curriculum/review/revision major/options.**

**D. \_\_\_\_\_\_\_\_\_ Focused exclusively on the direct assessment measurement of General Education Natural Sciences learning outcomes**

1. **Overview of Annual Assessment Project(s).** On a separate sheet,provide a brief overview of this year’s assessment activities, including:

* an explanation for why your department chose the assessment activities (measurement, analysis, application, or GE assessment) that it enacted
* if your department implemented assessment **option A**, identify which program SLOs were assessed (please identify the SLOs in full), in which classes and/or contexts, what assessment instruments were used and the methodology employed, the resulting scores, and the relation between this year’s measure of student work and that of past years: (include as an appendix any and all relevant materials that you wish to include)
* if your department implemented assessment **option B**, identify what conclusions were drawn from the analysis of measured results, what changes to the program were planned in response, and the relation between this year’s analyses and past and future assessment activities
* if your department implemented **option C**, identify the program modifications that were adopted, and the relation between program modifications and past and future assessment activities
* if your program implemented **option D**, exclusively or simultaneously with **options** **A, B, and/or C**, identify the basic skill(s) assessed and the precise learning outcomes assessed, the assessment instruments and methodology employed, and the resulting scores
* in what way(s) your assessment activities may reflect the university’s commitment to diversity in all its dimensions but especially with respect to underrepresented groups
* any other assessment-related information you wish to include, including SLO revision (especially to ensure continuing alignment between program course offerings and both program and university student learning outcomes), and/or the creation and modification of new assessment instruments

**3. Preview of planned assessment activities for 2018-19.** Include a brief description as reflective of a continuous program of ongoing assessment.

We continue to collect data using our end of semester ABET Assessment test every semester. With the change of the Campus LMS from MOODLE to CANVAS considerable effort was necessary to perform the conversion in spite of assurances to the contrary that the conversion would be seamless. In addition to this considerable effort to perform the migration the amount of time required to summarize the results at the end of each semester was more than doubled. No further analysis of the data collected to date was performed.

Planned activities for the 2018-2019 academic year include final detailed analysis of the data collected focusing on selected signature questions for each course evaluated, evaluation of the Senior design reports (culminating experience), and preparation of the Self Study report for submission to the ABET evaluators. Our ABET Program Review is scheduled for Fall 2019. All data collected to date is currently mapped to outcomes A – K as appropriate for each course. ABET recently announced that all programs scheduled for review during 2019 must present their results using revised Outcomes 1 - 7. While the mapping is relatively straightforward it will involve significant effort to perform the conversion of the results prior to analysis.