

**B.S. Engineering Management & B.S. Manufacturing Systems Engineering
2018-19 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, Director of the Office of Academic Assessment and Program Review, by September 30, 2019. 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: College of Engineering & Computer Science

Department: Manufacturing Systems Engineering & Management (MSEM) Dept

Program: B.S. Engineering Management & B.S. Manufacturing Systems Engineering

Assessment liaison: Dr. S. Jimmy Gandhi.

1. Please check off whichever is applicable:

- A. Measured student work.
- B. Analyzed results of measurement (please review assessment detailed report for more info)
- C. Applied results of analysis to program review/curriculum/review/revision.

2. 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, and/or application) 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
- 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 next year. Include a brief description and explanation of how next year's assessment will contribute to a continuous program of ongoing assessment.

The process currently followed by the MSEM department is one that has been followed for about 10 years for accreditation by ABET for both the B.S. Engineering Management program and the B.S. Manufacturing Systems Engineering. Through this period, both programs have been accredited and so this assessment process will continue to be followed. Details of the process are provided in the Program Assessment Details document which is included as a separate document.

In October 2019, we had our site visit from ABET and the visit went well, but we get the official report from ABET sometime in Spring 2020 and so we will start the data collection process again for our next assessment cycle, from Fall 2020 onwards.