

California State Polytechnic University, Pomona
Mechanical Engineering Department

MSME Program Assessment Indicators

The following indicators are planned to be used in assessing the MSME program. Both student and industry data are planned to be used in assessing the need for the program. Program effectiveness will be evaluated through student evaluations and interviews and industry surveys. Academic outcomes will also be evaluated by student performance and production with feedback from industry. The extent to which the program is meeting its educational objectives will be assessed through meetings with the Mechanical Engineering department's Industry Advisory Council (MEIAC). An MEIAC review of the graduate program should be conducted every three years, similar to the undergraduate program. Employment and the pursuit of continued advanced education information will be used to assess the overall impact of the program in the local region and state.

Students Indicators

1. Number of applicants
2. Number of students admitted
3. Ratio of matriculated students to applicants
4. Number of students completing the program
5. Number of graduates getting jobs
6. Ratio of graduates enrolling in Ph.D. programs
7. Number of M.S. theses and project reports produced
8. Student course and instructor evaluations
9. Exit interviews

Industry Indicators

The Mechanical Engineering department's Industry Advisory Council (MEIAC) will be asked to assist in assessing the MSME program. The objectives of the MEIAC evaluation would be to assess the need for the program, maintain currency of the program, examine ways to improve the program, and to examine the extent to which the educational objectives are being met. The number of students hired and/or promoted would be an excellent assessment measure for overall effectiveness of the MSME program.