

Attachment A (Assessment of Program Goals)

College of Engineering and Computer Science
Assessment of Program Goals
Program Name: BSE-ME

Goal #1: An ability to communicate effectively.

Goal #2: The broad education necessary to understand the impact of engineering solutions in a global and societal context, including environmental and economical impacts.

Goal #3: An ability to identify, formulate, and solve engineering problems.

Goal #4: An ability to apply knowledge of mathematics, science, and engineering.

Goal #5: An ability to design and conduct experiments, as well as to analyze and interpret data.

Goal #6: An ability to use the techniques, skills, and modern engineering tools, such as information technology, necessary for engineering practice.

Goal #7: An ability to specify, model, and design a system, component, or process to meet desired needs.

Goal #8: An ability to function on multi-disciplinary teams.

Goal #9: An understanding of professional and ethical responsibility.

Goal #10: A recognition of the need for, and ability to engage in, life-long learning.

Goal #11: A knowledge of contemporary issues.

Schedule of Goals Assessed in the past academic years

Year #1 (2011)	Goal # 1 Courses used to assess: ME 4671 Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met. Action: None	Goal # 2 Courses used to assess: ENGR 250 Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met. Action: None	
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<p>Year #2 (2012)</p>	<p>Goal # 3 Course used to assess: ME 230</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: Students met the goal and no specific actions were suggested.</p>	<p>Goal # 4 Courses used to assess: ME 230, ME 375</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: None.</p>	<p>Goal # 5 Courses used to assess: ME 349, ME 379</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: None.</p>
<p>Year #3 (2013)</p>	<p>Goal # 4 Courses used to assess: ME 230, ME 375</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: Stress to students how to select correct correlations.</p>	<p>Goal # 6 Courses used to assess: ME 375, ENGR 100, ENGR 126</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: (1) Stress to students how to select correct correlations, (2) Continue to provide individual help in programming, and (3) Emphasize on the importance of doing manual drafting and homework assignments.</p>	<p>Goal # 7 Courses used to assess: ME 3601, ME 442</p> <p>Results: The students who attended the classes achieved the acceptable level.</p> <p>Action: Program faculty will meet in Fall 2013 to review the data collected and to analyze the results to make recommendations for further improvements for the courses.</p>

Year #4 (2014)	<p>Goal # 3 Courses used to assess: ME 325, ENGR 250</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: none.</p>	<p>Goal # 8 Courses used to assess: ME 4671</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: none.</p>	
Year #5 (2015)	<p>Goal # 9 Courses used to assess: ME 4671</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: None.</p>	<p>Goal # 10 Courses used to assess: ME 4671</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: None.</p>	<p>Goal # 11 Courses used to assess: ENGR 250, ME 4671</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: None.</p>
Year #6 (2016)	<p>Goal # 1 Courses used to assess: ME 379</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: None</p>	<p>Goal # 2 Courses used to assess: ME 4671</p> <p>Results: The students who attended the classes achieved the acceptable level. The goals were satisfactorily met.</p> <p>Action: None</p>	
Year #7 (2017)	Goal # 3	Goal # 4	Goal # 5