BSME Program Educational Objectives

The Mechanical Engineering Program Educational Objectives are broad statements that describe the career and professional accomplishments that the program is preparing graduates to achieve. The objectives of the Mechanical Engineering Program at SDSU are to produce Bachelor of Science graduates who:

1. Will be able to use their strong grounding in the core fundamentals of mechanical engineering, basic science and mathematics in their future careers.

2. Will be able to employ an open-minded but critical approach to the analysis of problems and design of systems, keeping in mind the technical, professional, societal, environmental, economic and ethical dimensions of any solution.

3. Will be prepared for successful careers and will have an appreciation of the need for life-long learning in a rapidly changing field.

4. Will be productive engineers with a broad appreciation of the world and the role that engineering plays in society.