Student Learning Outcomes

College of Engineering
B.S. in Mechanical Engineering

1. Graduates will demonstrate an ability to apply knowledge of mathematics, science and engineering

2. Graduates will demonstrate an ability to design and conduct experiments, as well as to analyze and interpret data

3. Graduates will demonstrate an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability

4. Graduates will demonstrate an ability to identify, formulate, and solve engineering problems

5. Graduates will demonstrate an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice