

Student Learning Outcomes for SACS

College: Engineering

Department: Mechanical Engineering and Engineering Science

Degree Program: Bachelor of Science in Mechanical Engineering

1. Students are knowledgeable in the applications of science, mathematics and engineering principles for solving technical problems.
2. Students are able to identify, analyze, and solve mechanical engineering problems.
3. Students are experienced in effective communication skills and have demonstrated their proficiency through technical report writing and oral presentations.
4. Students are prepared to engage in the design of automotive systems, components, or processes to meet specified goals. (Motorsports Engineering Concentration Only)
5. Students are prepared to engage in the design of energy systems, components, or processes to meet specified goals. (Energy Engineering Concentration Only)
6. Students are prepared to engage in the design of biomedical systems, components, or processes to meet specified goals. (Biomedical Engineering Concentration Only)