



Bachelor of Science in Mechanical Engineering[†]

Department of Aerospace and Mechanical Engineering

Mapping of Program Outcomes to Program Educational Objectives

Program Outcomes							
H = High M = Medium L = Low	Can integrate knowledge of mathematics, science, and engineering to model and analyze problems	Can use state-of- the-art resources to solve engineering problems	Can apply engineering knowledge to design and build processes and systems	Can plan experiments, analyze data, and interpret results	Can communicate effectively (oral and written)	Can function in multidisciplinary teams	Can exercise professional, ethical, and social responsibilities, and engage in life-long learning
Program Educational Objectives							
Prepare a diverse stu- dent body for a pro- fessional career in Mechanical Engineering	✓	✓	✓	✓	✓	✓	✓
Prepare students to enter graduate school in Mechanical Engi- neering and closely related fields	✓	✓	√	✓	√	√	
Provide a broad edu- cational background and analytical problem- solving skills for suc- cessful transition to careers in other fields	✓		✓	✓	✓	✓	
Develop skills for clear communication and responsible teamwork, foster professional and ethical attitudes and a sense of social responsibility, and instill a passion for life-long learning					✓	√	✓