



جامعة الانبار
كلية الهندسة
قسم الهندسة الميكانيكية

Program Learning Outcomes

مخرجات التعلم للبرنامج

Mechanical Engineering

By the time of graduation, students of the Mechanical Engineering program should have attained the following:

- I. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
- II. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
- III. An ability to communicate effectively with a range of audiences.
- IV. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
- V. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
- VI. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
- VII. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

The Relationship Between College Student Outcomes (SOs) and Program Educational Objectives (PEOs)

PEOs	SOs						
	I	II	III	IV	V	VI	VII
PEO-1 Successful Professionals	√	√	√				
PEO-2 Ethics and Standards		√		√			
PEO-3 Leadership, communication, and collaboration	√			√	√	√	√
PEO-4 Lifelong learning		√			√	√	