



NEAR EAST UNIVERSITY

**DEPARTMENT OF Industrial
Engineering**

Program Outcomes

2021-2022

Key Learning Outcomes

The student who successfully completes the program should be able to

- To fully comprehend the technical, economic, environmental, social and ethical conditions in the public and private sectors of our country and to learn how to implement the principles of Industrial Engineering in these conditions,
- To closely follow the technical, economic, academic, political and legal developments in the international environment regarding the engineering profession; To think about the possible repercussions of these in our country, to take precautions, to produce solutions and to lead the society,
- To give importance to Research and Development activities as much as possible, to develop analytical thinking, to identify possible problems in any system, to identify creative and original solutions for this, to design, project, implement and control,
- To have the capacity and culture to develop initiative and assume the responsibilities arising from this, which is an essential requirement of the Industrial Engineering profession, to be open to innovations and have self-confidence,
- To have knowledge and competence in terms of plan and program, infrastructure, method and content improvements in order to be able to implement the principles of continuous improvement throughout his professional life in any institution to be employed in both the public and private sectors; have a systems approach perspective,
- Establishing a solid engineering foundation throughout university education, ultimately becoming an Industrial Engineer. To produce qualified, applicable knowledge and method at national and international level,
- To have a good level of professional and social communication skills, to take an active role in teamwork, to explain ideas and goals to other team members in a certain work and to be able to lead them,
- To give importance to interdisciplinary studies, to understand the relationship of Industrial Engineering with other engineering and social disciplines, to maximize cooperation and organization skills,
- To be a professional who is sensitive to today's industrial and social problems such as environmental pollution, work and workplace safety, worker health, sustainability, and to gain the awareness of acting in accordance with the common principles of humanity and professional ethics, as well as the sense of professional responsibility required by this sensitivity,
- Believing in the necessity of life-long learning, being open to criticism and innovations, making continuous efforts to improve oneself and society.