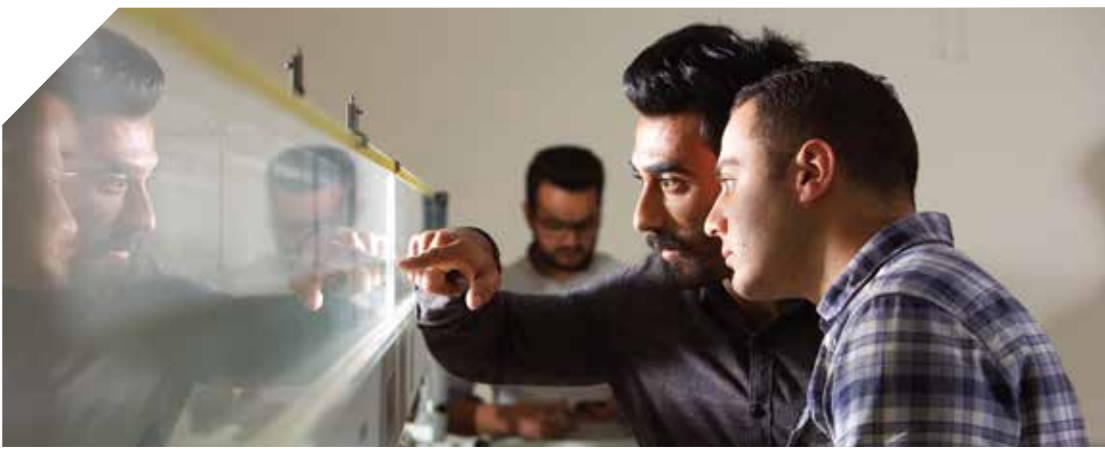


Student Outcomes (SOs):

- a** an ability to apply knowledge of mathematics, science, and engineering.
- b** an ability to design and conduct experiments, as well as to analyze and interpret data.
- c** 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.
- d** an ability to function on multidisciplinary teams.
- e** an ability to identify, formulate, and solve engineering problems.
- f** an understanding of professional and ethical responsibility.
- g** an ability to communicate effectively.
- h** the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- i** a recognition of the need for, and an ability to engage in life-long learning.
- j** a knowledge of contemporary issues.
- k** an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

Relationship between PEOs & SOs

PEOs	Civil Engineering SOs										
	a	b	c	d	e	f	g	h	i	j	k
1	√	√	√		√						
2	√	√		√			√				√
3	√		√			√		√	√	√	
4	√							√	√	√	



جامعة عمان الأهلية

Al-Ahliyya Amman University



Faculty of Engineering

Department of

Civil Engineering



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About the Department of Civil Engineering:

The Department of Civil Engineering at Al Ahliyya Amman University was established in September 2008 to meet the market demands for qualified civil engineers both locally and regionally. The first 44 students were admitted in the second semester of the academic year 2008 /2009. Since then, an increasing number of students is enrolled in the department every year forming a total number of 606 undergraduate students. Our efforts are focused on providing students with the necessary knowledge and experience that enable them to compete in the labor market of the 21st century. More than, 324 civil engineers have graduated from the department and are serving their communities by working in private corporations or local governments.

The department has highly qualified and experienced full-time faculty members consisting of three professors, one associate professor, eleven assistant professors, and five lecturers, in addition to seven laboratory engineers and one technician. The Department of Civil Engineering has a range of well-equipped laboratories including concrete materials, pavement, hydraulics, environmental, surveying and geotechnical labs.

The department established a system that conforms to the highest academic standards. In this context we constantly think about the future and update our B.Sc. program to meet the needs of the market. Also the department will offer M.Sc. degree program in Intelligent Transportation Systems (ITS), starting the first semester of the academic year 2017-2018.

Mission:

Our mission is to enhance the quality of education in the civil engineering fields and to graduate competent, acquainted and qualified engineers who are capable to excel and compete locally and regionally and to enhance scientific research.



Program Educational Objectives (PEOs):

Graduates of the civil engineering program are expected within a few years of graduation to be able to:

- PEO1:** succeed and excel in developing sound solutions to civil engineering problems.
- PEO2:** communicate and work competently in one or more cores of civil engineering areas of practice or through graduate studies.
- PEO3:** work effectively and conduct themselves ethically in their professional environment and grow in their careers working on projects designed for the well being of their society.
- PEO4:** be aware of contemporary changes and engage in life-long learning in their professions and acquire professional engineering registration.