

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





Al-Ahliyya Amman University

Faculty of Engineering

Department of

Computer Engineering



Contact Information

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About the Department of Computer Engineering:

The Department of Computer Engineering was established in September 1992 to meet the market demand for qualified computer engineers both locally and regionally. Since the date of establishment, the total number of 579 undergraduate students enrolled in the department. 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 500 engineers have graduated from the department and are serving their communities by working in private corporations or local governments.

The department has qualified and experienced full-time faculty members consisting 2 associate professor, 2 assistant professors, 3 laboratory engineers and one technician. The Department of Computer Engineering has a range of well-equipped laboratories such as Embedded Systems lab, Microprocessors lab, Computer Networks lab, Computer Architecture lab, Digital Logic and Advanced Digital Logic labs.

The department constantly updates its program to meet the future needs. In this context, the department has established a system that conforms to the highest academic standards.

Mission:

Our mission is to prepare distinguished graduates equipped with state of the art skills that meet the need of marketplace locally and regionally and to encourage scientific research in the discipline.



Program Education Objectives (PEO's)

1. Analyzing and providing solutions to challenging problems in professional career using computer engineering theory and practice.
2. Adapting, successfully, to technical changes in the chosen field and occupation.
3. Functioning independently, communicating effectively and working collaboratively with professionalism and ethical responsibility.
4. Providing technical leadership for business, profession and community