

Matrix of skills related to the Energy Engineering program

- 1- The ability to apply the basic sciences and engineering to design the desired systems, process, or experiment, besides the ability to conduct experiments, analyze and interpret data.
- 2- The ability to determine the engineering problems that appear in energy systems, especially the recent ones, and then how to solve them in an engineering manner.
- 3- The ability to work in multidisciplinary teams, communicate effectively, and understand professional and ethical responsibilities.
- 4- Knowing contemporary scientific and engineering issues, understanding the impact of engineering solutions, and realizing the need for life-long learning.
- 5- The ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- 6- The ability to keep pace with the development of modern energy systems, which are still developing.