Electrical Engineering
Program Educational Objectives

The Educational Objectives of the program refer to what graduates are expected to attain within a few years of graduation:

1) Our graduates are professionals who use their knowledge, engineering, and management tools to make decisions that optimize the design and operation of processes, especially those related to systems and organizations.

2) Our graduates are autonomous, capable of exercising leadership in multidisciplinary teams, and thus successfully execute sustainable and integrated projects, showing empathy and integrity and responding to a dynamic, demanding, and competitive society.

3) Our graduates have the means to grow professionally in leadership roles in the business community and become entrepreneurs or executive officers in the public or private sectors, adding value to their organizations through teamwork and effective communication, taking into account the ethical values and interests of the community in general.

4) Our graduates have ingrained habits of continuous and systematic professional development, to be able to understand, promote and adapt to the scientific, technological, economic, and regulatory changes that global society faces.

5) Our graduates are professionals who can become leaders and managers of their teams who provide guidance and take responsibility when it comes to electrical product and process safety and thus offer a broad understanding of human-process interactions.