



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 of science, engineering and management tools to create and design efficient and sustainable processes and products, and solve complex engineering problems, addressing safety concerns, and economic, environmental, social, and public health dimensions.
- 2) Our graduates are integral, autonomous, ethical, and socially responsible professionals who promote innovative engineering solutions, while displaying critical thinking, within a framework of a broad understanding of human-process-product interactions.
- 3) Our graduates are capable of exercising leadership and applying communication skills to work effectively and collaboratively in multidisciplinary teams, while fostering diversity, tolerance, freedom of speech, gender equity, and adding value to their organizations.
- 4) Our graduates are intellectually curious and are in pursuit of continuous and systematic professional development to be able to understand, and adapt to scientific, technological, economic, and regulatory changes faced by the global society. They are committed to a life-long learning process throughout their careers.