



Program Educational Objectives

The Program Educational Objectives have been formulated taking into account constituency needs and expectations, in order to provide students with an outstanding engineering education that allows them to achieve a fruitful professional practice in a highly demanding workplace.

Taking into account the needs and expectations of constituencies and considering the accomplishments that industrial engineers are expected to attain a few years after graduation, the Program Educational Objectives have been defined so that the graduates of industrial engineering:

1. Technical Competence

Demonstrate a solid technical competence for the planning and control of operations, design and improvement of processes, formulation and evaluation of projects, management of logistics operations, as well as development of industrial automation processes.

2. Adaptability and Achievement

Work and interact in the different levels of an engineering project, attaining the continuous improvement of productivity and advancing in their field of professional development.

3. Communication and Teamworking

Communicate effectively and participate proactively in multidisciplinary teams performing as leaders or active members attaining proposed goals and results.

4. Professionalism

Conduct themselves correctly respecting the standards and ethical principles of the profession, and projecting themselves as responsible citizens and professionals.

5. Continuing Education

Develop a continuous learning and training, assimilating the changes and advances in the profession, and completing specialization and postgraduate studies.