



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 systems engineers are expected to attain a few years after graduation, the Program Educational Objectives have been defined so that the graduates of systems engineering:

1. Technical Competence

Demonstrate a solid technical competence for the analysis, design, implementation and management of software-based information systems aiming to improve and optimize the processes in organizations.

2. Adaptability and Achievement

Work and interact in the different levels of an engineering project, attaining proposed goals and advancing in their professional career.

3. Communication and Teamworking

Communicate effectively and participate proactively in multidisciplinary teams performing as leaders or active members.

4. Professionalism

Conduct themselves correctly respecting the standards and ethical principles of the profession and assuming their professional and social responsibilities.

5. Continuing Education

Develop a continuous learning and training, assimilating the changes and advances in the profession to keep themselves updated and competitive, and completing specialization and postgraduate studies.