



# Electrical Engineering Educational Program

## Admission Profile

Applicants to enter the Electrical Engineer Educational Program must have the following knowledge, skills, attitudes and values:

### Knowledge:

- Algebra.
- Trigonometry.
- Analytic Geometry.
- Physics.
- Chemistry.

### Skills:

- Interpret physical phenomena from observation.
- Logical thinking.
- Mathematical problem solving.
- Teamwork.
- Verbal and written communication skills.

### Attitudes:

- Willingness for bibliographic and field research.
- Willingness to participate in academic, scientific and cultural activities.
- Willingness to work in teams.
- Respect for the institution, its teachers and their peers.
- Interest in the operation of electrical systems and their associated equipment.
- Capacity to be critical, thoughtful, dynamic and transformative.
- Creativity and imagination.

### Core values:

- Confidence.
- Democracy.
- Honesty.
- Modesty.
- Justice.
- Loyalty.
- Liberty.
- Perseverance.
- Respect.
- Responsibility.
- Solidarity.