

# ELECTRICAL ENGINEERING – BACHELOR



## Type of training

- formal initial training (full time) (EQF <= 4)
- formal initial training (dual system / apprenticeship)
- Higher education and training (EQF >= 5 – 8)
- formal continuing education
- informal learning / training on the job

## Training duration

Years: 3

## Level of education required

- Secondary school/ Vocational qualification
- High school diploma
- Degree

## Main content of the program (4-5 lines)

The Electrical Engineering program is designed to train a professional figure in general industrial engineering, with a specific specialization on electrical components and systems.

Starting from a basic cross curricular training, the program provides a specific solid preparation on the fundamentals of electrical engineering, electrical machines, electromechanical applications, electric operations, power electronics, electrical measurements, electrical safety and electrical systems.

The program highlights methodological and operational aspects that allow graduates to enter the field of electrical engineering with an adequate expertise and the ability to professionally engage with other technical sectors of industrial and IT engineering, with a knowledge of the technical language and a mastery of the basic concepts. As related statistics show, the cultural and methodological skills acquired by graduates will guarantee their swift employment or their continuation of studies, with an adequate preparation.

The program is unique and is designed to create a professional who is able to understand the impact of engineering solutions applied to electricity in the current environment, hence providing the cognitive tools needed to be continuously updated and actively part of the technological innovation process.

## Targeted public

Recent Graduates, Graduates

## Pedagogical methods

- workshops
- conferences
- placement
- practical exercises
- distance learning

## Evaluation process

- diploma BACHELOR degree
- certification
- attendance confirmation
- no evaluation

## Further services/activities foreseen:

Practical laboratories	<input checked="" type="checkbox"/>	Validation of acquired experience (VAE)	<input checked="" type="checkbox"/>
Training internships	<input checked="" type="checkbox"/>	Other (spec. _____)	<input type="checkbox"/>
Job placement services	<input checked="" type="checkbox"/>	Other (spec. _____)	<input type="checkbox"/>

## Organization

Polytechnic of Turin

Type of organisation delivering the training course:

- University
- High school
- VET organization

Location Turin, ITALY <https://www.polito.it/?lang=en>

