

# *ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY*

The Electrical Engineering Department trains future technicians in two years with expertise in design and manufacture of micro-electronic devices, power-electronics systems, production and management of energy, information technologies, programming microcontrollers and industrial programmable controllers .

The great asset of this training is based on vocational experience. Our graduates will be trained in analyzing and participating in the conception of systems and equipment using digital, analog and power electronic technology, electrical engineering, automatic operations, industrial data processing and networks. They will also develop their interpersonal skills, on a professional and personal level and also in a foreign language.

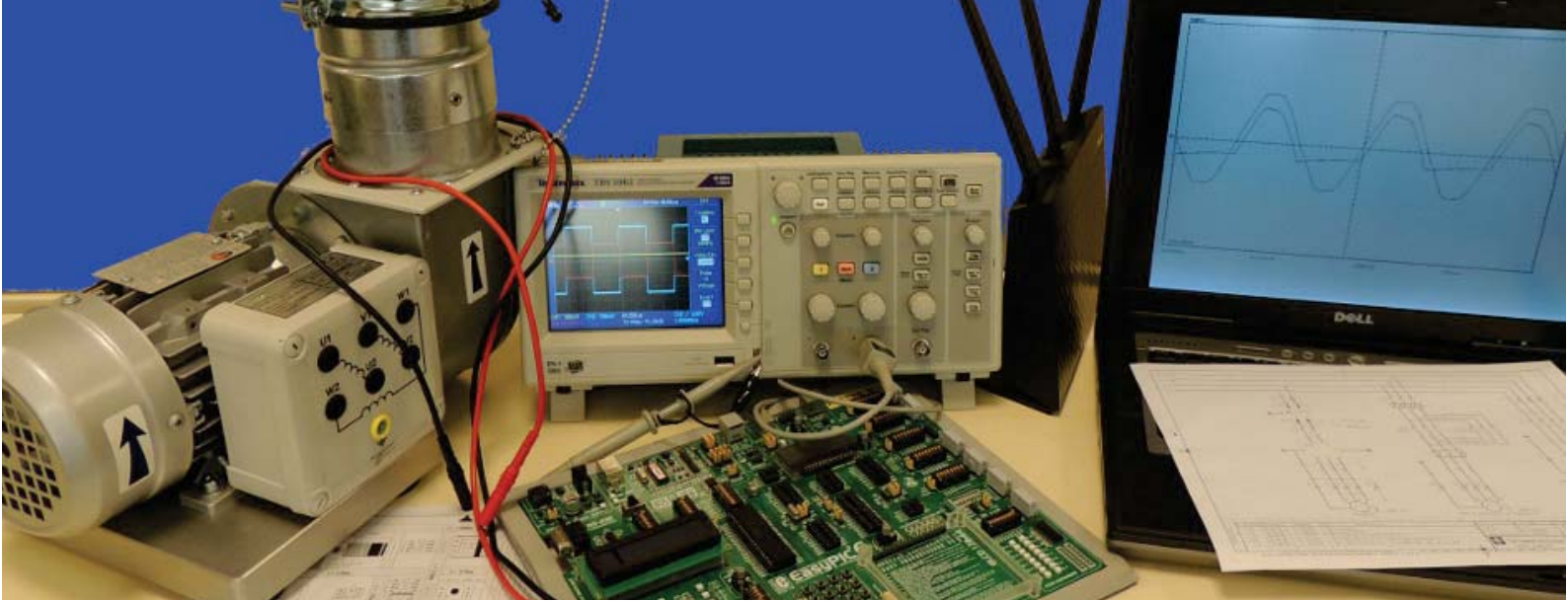
## *CONTENTS OF OUR COURSE*

**1/ Components, systems and applications** : energy and electrical engineering, digital information systems, computer science, electronics, process automation and robotics, industrial networks, additional modules (720h - 47 ECTS)

**2/ Project management and innovation through technology** : dedicated software, case study and practical implementation implying several technologies, development of a personal professional project, methodology, additional modules and group project (615h - 42 ECTS)

**3/ Science and communication skills** : english language (professional, technical and conversational English), mathematics, communication (culture and expression), physics, law, economics and business management (465h - 31 ECTS)

10-week work placement : in the last semester, in France or abroad, in an industry or research lab



## *AFTER THE IUT*

Different possibilities for our students after graduating:

> **Enter the industrial world** where they will implement their technical skills in: industrial maintenance, conception, automation, programming, data processing, etc, in all sorts of industries needing practical expertise in electrical engineering, electronics, automation and data processing .

Typically, our students will work in : electronic and electrical industries, energy production and management, the automotive industry, telecommunications and IT, but also the food-processing industry, health, aerospace and defense, construction.

> **Continue with higher education** : professional Bachelor degree, Bachelor degree and Master (in France or abroad), Engineering school, DUETI (a degree for International Studies in Technology, which directly follows the DUT)...

The Electrical Engineering Department offers 2 post-graduate 'licences professionnelles', the equivalent of a Bachelor's degree, in energy management and mechatronics.

## *TO CONTACT US*

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