



## FILELEC - Introduction

### Introduction

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The aim of this track is initiating the students to the basic concepts of electrical sciences and providing them the fundamental notions in the scientific and technical fields linked to electricity and its applications. More precisely the students will discover the fundamentals of electromagnetics and physical phenomena forming the basis of electronic devices working ; as well as the basic concepts of electronics, telecommunications, and electrodynamic converters.

## FILELEC - Teaching profile



## Programme

## DETAILED PROGRAMME BY SUBJECT

- Mandatory
- ⊗ Optional
- △ Not offered in 2024-2025
- ⊖ Not offered in 2024-2025 but offered the following year
- ⊕ Offered in 2024-2025 but not the following year
- △ ⊕ Not offered in 2024-2025 or the following year
- Activity with requisites
- 🌐 Open to incoming exchange students
- 🚫 Not open to incoming exchange students
- (FR) Teaching language (FR, EN, ES, NL, DE, ...)

Click on the course title to see detailed informations (objectives, methods, evaluation...)

30 crédits

Year

2 3

○ Content:

|             |  |   |                                   |   |
|-------------|--|---|-----------------------------------|---|
| ● LELEC1101 | Project in Electricity 1 : Electrical circuits | Christophe Craeye<br>Bruno Dehez<br>Claude Oestges (coord.) | (FR) [q2] [30h+30h] [5 Credits] 🌐 | X |
| ● LELEC1370 | Measurements and electrical circuits           | Christophe Craeye<br>Bruno Dehez<br>Claude Oestges (coord.) |                                   |   |

## FILELEC - Information

### Evaluation

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*The evaluation methods comply with the [regulations concerning studies and exams](#). More detailed explanation of the modalities specific to each learning unit are available on their description sheets under the heading "Learning outcomes evaluation method".*

