

EE-598

Advanced lab in electrical engineering

Cursus	Sem.	Type
Electrical and Electronical Engineering	MA1, MA2, MA3, MA4	Opt.

Language of teaching	English
Credits	4
Withdrawal Session	Unauthorized Winter, Summer
Semester Exam	Fall During the semester
Workload	120h
Weeks	14
Hours	4 weekly
Project	4 weekly
Number of positions	

It is not allowed to withdraw from this subject after the registration deadline.

Remark

Pas donné en 2024-25

Summary

This teaching lab provides the experimental experiences associated to courses of all MSc orientations in EE. The experiments cover all the fields belonging to EE.

Content**Learning Outcomes**

By the end of the course, the student must be able to:

- Argue hypothesis justifying a physical observation
- Formulate physical explanations
- Synthesize experimental results
- Organize the work within a team of students

Transversal skills

- Use a work methodology appropriate to the task.
- Give feedback (critique) in an appropriate fashion.
- Identify the different roles that are involved in well-functioning teams and assume different roles, including leadership roles.

Teaching methods

4 hours to perform the requested work
1 assistant providing help if required

Expected student activities

Report the work

Assessment methods

Report correction