

EE-598

Advanced lab in electrical engineering

Profs divers *

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
Practical work	4 weekly
Number of positions	

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.

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