

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
<b>Hours</b>	<b>4 weekly</b>
Practical work	4 weekly
<b>Number of positions</b>	
<b>It is not allowed to withdraw from this subject after the registration deadline.</b>	

**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