EE-492(j)

Project in edge computing and IoT

Profs divers *

Cursus	Sem.	Type
Data and Internet of Things minor	E, H	Opt.
Electrical and Electronical Engineering	MA1, MA2, MA3, MA4	Opt.

Language of teaching	English
Credits	10
Withdrawal	Unauthorized
Session	Winter, Summer
Semester	Fall
Exam	During the semester
Workload	300h
Weeks	14
Hours	**10 weekly**
Project	10 weekly
Number of positions	

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

Summary

The student applies the acquired skills to an academic or industrial projects.

Content

During this project, the student will apply the skills acquired to address a practical problem. The project topics are selected from the research and development activities of one of the partner laboratories of the Electrical and Electronic Engineering Section. The lists of available projects can be consulted on the websites of the laboratories within the Section of Electrical and Electronic Engineering. Within the framework of this project, it is also possible to participate in interdisciplinary projects with students from other sections.

Learning Outcomes

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

- Produce a scientific report.
- Apply acquired scientific and technical skills to a specific field.
- Use a work methodology appropriate to the task and organise work effectively.

Transversal skills

- Communicate effectively, being understood, including across different languages and cultures.
- Demonstrate the capacity for critical thinking
- Take feedback (critique) and respond in an appropriate manner.
- Use both general and domain specific IT resources and tools
- Write a literature review which assesses the state of the art.
- Make an oral presentation.

Teaching methods

Project based teaching

Assessment methods

Written report