

Project



SCHOOL

Polytech Graduate School of Engineering



CAMPUS

Belle-Beille



LEVEL

Engineering 4th year



OPEN TO EXCHANGE STUDENTS

Yes



SEMESTER

Spring (S2)

- > **Degree course:** Graduate School of Engineering - Automation and Computer Engineering
- > **Teaching unit:** UE 8-4 Projet
- > **Course language:** English
- > **Duration (hours):** 92
- > **ECTS:** 5
- > **Teacher(s):** Laetitia Perez

> Assessment:

- Continuous assessment
- Final exam

> Teaching methods:

- | | | |
|--|-------|---|
| <input type="checkbox"/> Lecture course | hours | <input type="checkbox"/> Case study |
| <input type="checkbox"/> Tutorial course | hours | <input checked="" type="checkbox"/> Project |
| <input type="checkbox"/> Practical work | hours | |

COURSE DESCRIPTION

For the students, a specific action is carried out to refine the professional project of each student and make the most of the skills acquired during the training.

Some previous projects:

- Web site Security Challenge
- Mobile robots in warehouses
- « Culture au futur »
- E-co-ologic
- Rescue drone
- Web Explorer 2020 Productys
- Dobot Magician
- Facial recognition
- Ball Balancing Robot
- Robot Epson (4 axes)
- Level regulation
- Perceive RV
- Virtual Germination
- Virtual Supermarket
- Augmented guitar

OBJECTIVES

This project is carried out in groups of 2 to 3 students supervised by one or more members of the teaching team. - The teaching team propose numerous specific subjects related to the context of control engineering, automated systems and computer engineering. These allow students to apply the knowledge introduced during the courses and to implement project management methods. The projects are built pedagogically and intermediate results are required and discussed with supervisors. -

PREREQUISITES

Depends on the selected subject