

MICRO-582

Interdisciplinary project

Profs divers *

Cursus	Sem.	Type
Robotics	MA1, MA2, MA3, MA4	Opt.

Language of teaching	English
Credits	10
Withdrawal Session	Unauthorized Winter, Summer
Semester Exam	Fall 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 in an engineering or a research project having a strong interdisciplinary dimension, interacting with students or professionals from others domains.

Content

Students are asked to run an engineering or a research project integrating several robotics aspects and interacting with specialists of other domains. This project allows them to practice and improve their coordination, communication and engineering skills on interdisciplinary projects related to robotics, and experience a project environment in a team of specialists coming from various disciplines.

Learning Outcomes

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

- Develop an individual sub-project in a larger interdisciplinary project
- Apply skills to a specific subject
- Coordinate actions with specialists of other domains
- Assess / Evaluate the results
- Compose a written scientific report of a project
- Present a project orally for a scientific interdisciplinary audience
- Develop expertise in a specific research area and get an overview on areas from others disciplines
- Represent data in a consistent and effective manner

Assessment methods

Continuous evaluation (report)