EPFL

MICRO-582 **Interdisciplinary project**

Profs divers *

Cursus	Sem.	Type
Robotics	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	

Il n'est pas autorisé de se retirer de cette matière après le délai d'inscription.

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)