

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
<b>Hours</b>	<b>10 weekly</b>
Project	10 weekly
<b>Number of positions</b>	

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

**Summary**

The student applies the acquired skills in a MAKE project, in the format of a semester project

**Content**

The students are confronted with the realization of an engineering project integrating several aspects of robotics. This project will allow them to apply, to concrete problems, skills of domain and transversal skills acquired during their studies.

**Learning Outcomes**

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

- Manage an individual research project
- Apply the competences to a specific subject
- Design research
- Assess / Evaluate the results critically
- Compose in written form in a scientific report
- Expound the project in oral form for a scientific audience
- Develop the project in oral form for a scientific audience
- Present data coherently and effectively

**Teaching methods**

Continuous assessment (report)

**Assessment methods**

Written report and oral presentation

**Resources****Websites**

- <https://sti.epfl.ch/smt/smt-semester-project-guidelines/>