EPFL

HUM-498(b)

Introduction to China project II + China project I

Beuchat René, Laperrouza Marc

Cursus	Sem.	Type
Mineur STAS Chine	E	Obl.

Language of teaching	English
Credits	4
Session	Summer
Semester	Spring
Exam	During the semester
Workload	120h
Weeks	14
Hours	**4 weekly**
Courses	1 weekly
Project	3 weekly
Number of positions	

Summary

The course prepares to the development of a prototype and its realisation in China. It develops competences related to prototype development, project management, teamwork and intercultural management.

Content

The course introduces the concepts of prototype development, project management and intercultural management. All concepts are applied through the development of a connected device and its production in China.

Keywords

projet management, team work, prototyping, intercultural management, experiential learning

Learning Prerequisites

Required courses

HUM-498(a)

Recommended courses

HUM-440(a+b)

Learning Outcomes

By the end of the course, the student must be able to:
- Identify existing product/service solutions
- Explore potential technical solutions
- Demonstrate the technical feasibility of the chosen solution
- Define functional requirements of a connected device
- Realize a functional prototype

Transversal skills

- Plan and carry out activities in a way which makes optimal use of available time and other resources.
- Set objectives and design an action plan to reach those objectives.
- Communicate effectively with professionals from other disciplines.

- Communicate effectively, being understood, including across different languages and cultures.
- Evaluate one's own performance in the team, receive and respond appropriately to feedback.
- Identify the different roles that are involved in well-functioning teams and assume different roles, including leadership roles.
- Make an oral presentation.

Teaching methods

Workshop, fieldwork, individual and group work

Expected student activities

- Participation in workshops on prototyping, project management and intercultural management
- Work in a team to develop a connected device

Assessment methods

Transversal skills (1/6)
Project realization (5/6)

Prerequisite for

HUM-498(c)