HUM-498(c) **China Project III**

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Cursus	Sem.	Type
Mineur STAS Chine	H	Obl.

Language of teaching	English
Credits	10
Session	Winter
Semester	Fall
Exam	During the semester
Workload	300h
Weeks	14
Hours	**3 weekly**
Project	3 weekly
Number of positions	

Remark

MA3 only

Summary

The course concludes the development of the prototype of a connected device. It develops competences related to prototype development, project management, team work and intercultural management.

Content

The course is composed of two parts:
1) Summer (Greater China)
- Study of the Hong-Kong/Shenzhen eco-system and production networks
- Protoyping/small batch manufacturing in Shenzhen and interaction with Chinese designers and makers
2) Autumn (EPFL)
- Further iteration of the connected device
- Analysis regarding the process and result of the development
The format is project-based.

Keywords

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

Learning Prerequisites

Required courses

Successful completion of HUM-498(a) and HUM-498(b)

Recommended courses

HUM-440(a+b)

Learning Outcomes

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

- Report the evolution of the engineering design
- Solve remaining technical problems
- Assess / Evaluate individual learning

- Realize a functional prototype

Transversal skills

- Write a scientific or technical report.
- Chair a meeting to achieve a particular agenda, maximising participation.
- Assess one's own level of skill acquisition, and plan their on-going learning goals.
- Make an oral presentation.
- Continue to work through difficulties or initial failure to find optimal solutions.

Teaching methods

Workshop, fieldwork, individual and group work, project

Expected student activities

- Travel to Hong Kong and Shenzhen (summer)
- Participation in a workshop on intercultural management
- Work in a team to develop a connected device
- Peer-teaching with fellow students

Assessment methods

Transversal skills (1/6) oral presentations, reflective note on group work, intercultural management and mentoring, documentation of activities
Project realization (5/6) in accordance to project supervisor’s grading scheme

Resources

Websites

- http://www.chi.camp