Summary
The course prepares to the development of a prototype and its realisation in China. It develops competences related to project conception and management as well as team work.

Content
The course will introduce the concepts of ideation, customer discovery, interdisciplinarity and team work.

Keywords
project management, team work, ideation, feasibility

Learning Prerequisites
Recommended courses
HUM-440(a) is strongly recommended

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

Transversal skills

- Plan and carry out activities in a way which makes optimal use of available time and other resources.
- Use a work methodology appropriate to the task.
- Communicate effectively with professionals from other disciplines.
- 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.
- Keep appropriate documentation for group meetings.
- Demonstrate a capacity for creativity.

Teaching methods
Workshop, individual and group work

Expected student activities

• Participation in different workshops (team work, ideation, pitching, etc.)
• Work in teams to develop a connected device

Assessment methods

Transversal skills (1/6) oral presentation and reflective note on group work
Project preparation (5/6) in accordance to project supervisor’s grading scheme

Resources

Websites

• https://www.chi.camp

Prerequisite for

HUM-498(b)