

PENS-315

SKIL Student Kreativity and Innovation Laboratory

Cotture Samuel, Leonardi Claudio, Meibom Anders

Cursus	Sem.	Type
Projeter ensemble ENAC	BA6	Opt.

Language of teaching	English
Credits	4
Withdrawal	Unauthorized
Session	Summer
Semester	Spring
Exam	During the semester
Workload	120h
Weeks	12
Hours	4 weekly
Courses	1 weekly
Exercises	3 weekly

Number of positions

It is not allowed to withdraw from this subject after the registration deadline.

Summary

This course will allow students to engage in hands-on projects defined by themselves, in a dedicated workshop environment. Students work together in small groups on their own ideas, with access to a wide range of tools, materials, software, etc. - assisted by specialized coaches.

Content

There is no predefined task or assignment – students brain-storm, form groups, and decide between themselves what they want to do, how to start – then do it. A lot of flexibility will be provided for how the work should proceed, but the process will typically include a brain-storming phase, followed by a planning phase with definition of specific roles for each group member, an execution phase with continuous evaluation and adjustment of planning and strategy, and in the end a presentation of the project/results/products/methods developed - and the difficulties encountered. An interdisciplinary team of coaches - including students and faculty members - will provide guidance for the teams as needed.

Keywords

Workshop, creativity, hands-on, group work.

Learning Prerequisites**Required courses**

There is no special course requirement.
Anybody eligible for Projeter Ensemble can choose the SKIL experience.

Recommended courses

Other relevant EPFL courses include, for example, "Prototyping" (CdH) and "Design Thinking" (CdH & CdM).

Teaching methods

Personalized coaching in response to student needs and ideas.

Expected student activities

Hands-on realization of own ideas, for example in the form of prototypes, models, or methods.

Assessment methods

Each group will present the story of their project and its results.
This presentation will be evaluated and graded at the end of the semester.