Présentation

Objectifs
The main objective of this module is to give students an introduction to product design throughout a team project. Students will implement Product development design process to redesign and create a small object or product, answering to a specific customer need.

Heures d'enseignement
Introduction to product design - TD
Travaux Dirigés 20h

Plan du cours
On completion of the module, the student is expected to be able to:

- **L01**: experience a design thinking process
- **L02**: benchmark existing products and search patent
- **L03**: identify customer needs and market opportunities
- **L04**: lead functional analysis and write requirements specifications
- **L05**: generate innovating concepts
- **L06**: read technical drawing and 3D model a part and assembly using CAD Software and 3D print it

Compétences visées
- Design thinking
- Product development process
- Functional analysis method
- Benchmark and patent search
- Concept generation using TRIZ method
- Brainstorming
- 3D modeling : Solidworks

Infos pratiques

Lieux
Annecy-le-Vieux (74)
Campus

❯ Annecy / campus d'Annecy-le-Vieux