Introduction to product design

ECTS credits
Composante IUT d'Annecy

En bref

> Langues d'enseignement: Français

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