


Optional modulus

 Level
BAC +4

 ECTS
7 credits

 Number of
hours
90h

In brief

> **Teaching language(s):** Français, Anglais

Objectives

The student will be able to successfully follow 4 optional modules related to mechanical design skills.

Presentation

Description

The module is composed of 3 sub-modules of 30h each to be elected by students among a proposed list.

The modules enable students to develop their ability to research work or to increase their knowledge on issues related to mechanical engineering such as :


- production management, maintenance, modeling of flow
- configuration management, special industrialization techniques,
- compressible fluid mechanics, microfluidics, turbomachines, computational fluid dynamics,
- hydraulic systems and components,
- nonlinear FEA, optimal design, multiaxial fatigue, digital mock-up, HSM optimization.

Useful info

Contacts

Education manager

MANUEL PAREDES

 +33.(0)561 248591

 paredes@insa-toulouse.fr