

SEMESTER 8_GM APPRENTICESHIP

Practical info

Location(s)

 Toulouse

Fluids Mechanics and Heat transfert 2



ECTS
6 crédits



Hourly volume
78h

Practical info

Location(s)

 Toulouse

Mechanical Vibrations



ECTS
5 crédits



Hourly volume
48h

Introducing

Objectives

At the end of this module, the student will have understood and be able to explain (main concepts):

- fundamentals of control engineering for linear systems in time and frequency domains

The student will be able to:

- by means of computer tools, design a controller that ensures a set of performance requirements for a given process

Practical info

Location(s)



Toulouse

Hydraulic machines and Combustion Engineering



ECTS
3 crédits



Hourly volume
50h

Practical info

Location(s)

 Toulouse

Improve your management abilities



ECTS

4 crédits



Hourly volume

44h

Introducing

Objectives

ENGLISH

At the end of this module, the student will be able to:

- * Understand and summarise technical documents in English (written and oral) linked to mechanical engineering
- * Learn and apply technical vocabulary linked to mechanical engineering
- * Present a technical subject in mechanical engineering

MARKETING, LAW, FINANCE

- ¿ Know the legal environment and responsibilities of a business activity
- ¿ Be able to objectively assess the financial health of a company and evaluate the rentability of an investment
- ¿ Conduct a market diagnosis (benchmarking) and a business diagnosis in order to make decisions and set goals and strategies
- ¿ Collect market data and put into action a business plan adapted to the means and goals of the company

Necessary prerequisites

ENGLISH: B1 level minimum

WORKING RELATIONS WITH ANGLO/AMERICANS:
None

LAW: None

FINANCIAL MANAGEMENT: Studied the « accountancy and financial analysis course »

Practical info

Location(s)

 Toulouse

Apprenticeship 7



ECTS
6 crédits



Hourly volume
2h

Introducing

Objectives

The apprentice should be able to

- get involved in the company's project
- solve open industrial problems
- plan and manage your work
- team working
- open up to other technological fields.

Practical info

Location(s)

 Toulouse

Apprenticeship 8



ECTS

6 crédits



Hourly volume

15h

Introducing

Objectives

- Active skills : Students work on a case study prepared by the teacher. (main aspects: service provider with a growing market, requiring a larger network of agencies to develop capital)
- work groups (teams of 2 or 3 members)
- Elaboration of an economical report to be shown and commented on in front of a share holders committee
- Discussions with trainer during course
- Use of a business plan software

Practical info

Location(s)



Toulouse