

4th year modules, 8th semester

Lille Campus

In the 8th semester in the 4th year (I4.8), thematic modules aim to assist Icam engineering students in entering the workplace, by entering specific professional cultures :

- They help them acquire knowledge, expertise and basic interpersonal skills for specific engineering professions. Prior knowledge is thereby activated, applied and supplemented.
- They position them in the workplace, through business projects in which they participate.
- They give them opportunities to mix with professionals coming to Icam to pass on their skills and show how their profession is practised. They allow them to build their own professional identity.

The topics

5 topics have been retained for the Lille site.

Corresponding engineering professions have been identified :

- Building and construction
 - Project management
 - Technical research department
 - Works management
- Transportation
 - Research and testing
 - Production
 - Operation.
- Energy
 - Production
 - Transportation and distribution
 - Energy efficiency.
- Life engineering: food processing
 - Methods
 - Production
 - Health, safety, quality.
- Information engineering : logistics and information systems.
 - Supply chain management
 - Information systems project management.

Teaching of thematic modules

Thematic modules are an introduction to professional cultures. They are not specialist courses, even shorter in duration. Although they intend to give an overall view of the business sector, they do not attempt to encompass everything about it ; they focus instead on teaching specific important skills of the profession.

There is a variety of training methods :

- half-day courses or lectures, given mainly by business professionals,

- tutorials which are more interactive, and practical, experimental exercises in small groups (around 14 for the Exercises, 28 for the Tutorials),
- projects (value analysis, production systems, dimensioning or simulations... for Major projects ; state of the art, technology watch ... for Minor projects),
- Independent work, allowing students to take in and above all supplement the teaching they have received by themselves.

The hourly schedules per method will be :

	Lectures	TU	EX	Project	Ind. work	Writ. Ev.	TOTAL	ECTS
Major Module	48h	12h	36h	100h	64h	8h	276h	10
Minor Module	36h	12h	24h	50h	60h	4h	184h	7

Organisation

Modules take place from the 1st February to July.