

## Faculty of Applied Sciences



### AMCO2161 Civil works management

[22.5h] 2 credits

This course is taught in the 1st semester

**Teacher(s):** Bernard Cols  
**Language:** French  
**Level:** Second cycle

#### Aims

Introduction to the various economical, legal and contractual aspects of a project and initiation into how to organize and manage a jobsite.

#### Main themes

The lecture describes the various phases of a projects starting with the decision to invest until the substantial completion and final handing-over of the works, with particular emphasis on management and planning techniques required for the good performance of the works.

Chap. I : The decision to invest

\* Preliminary studies, permits, conditions of contract, the various parties concerned.

Chap. II : The tender

\* The tender procedures, qualifications, tender preparation, price fluctuation.

Chap. III : The execution of the works

\* Site organization, programming of works, selection of resources, administrative and contractual follow-up, cost control, safety quality.

Chap IV : Substantial completion and 10-years liability.

For each phases, the economical, contractual and legal aspects (contractual relations between and liabilities of the parties involved) of a contract are addressed.

#### Content and teaching methods

- Contractual and judicial context of civil works
- Theory of organization
- Application to civil works

**Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)**

Naught

#### Other credits in programs

<b>FSA3DS/GC</b>	Diplôme d'études spécialisées en sciences appliquées (génie civil)	(2 credits)	
<b>GC23</b>	Troisième année du programme conduisant au grade d'ingénieur civil des constructions	(2 credits)	Mandatory