



Faculté des sciences appliquées

FSA

AMCO2161 **Organisation des travaux de génie civil**

[22.5h] 2 credits

This course is taught in the 1st semester

Teacher(s): Bernard Cols
Language: french
Level: 2nd cycle course

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.

Other credits in programs

GC23	Troisième année du programme conduisant au grade d'ingénieur civil des constructions	(2 credits)	Mandatory
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