


 Faculty of Applied Sciences

AMCO2176 Tunnels

[15h] 2 credits

This course is taught in the 1st semester

Teacher(s): Eddy Jacques, Jean-François Thimus
Language: French
Level: Second cycle

Aims

The aim is to give the different aspects of the realisation of a underground excavation (tunnel, shaft, ...)

Main themes

Describe theoretical aspect of tunnel excavation in soil or rock mass (design and boring)

Content and teaching methods

- Design methods (empirical, analytical, numerical modeling)

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

- Prerequisite : AUCE 1171, AUCE1172, AUCE 1173, AUCE 1174
 - Theoretical cursus, visit on site if possibility, use of e-learning

Other credits in programs

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