

IDENTIFICATION

Course code : E3BE5ST5
ECTS : 1

DURATION

Lectures : 4
Tutorial classes : 12
Labs : 8
Total : 24

Project :
Personnal work :

ASSESSMENT

An oral presentation and a written summary of the DCE - Group work

TEACHING MATERIALS

course material - 1 Construction Companies Consultation File (DCE)

LANGUAGE

English

CONTACT

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UE : UE5.1-STRUC

COURSE : Construction Techniques

SCOPE OF THE COURSE

OBJECTIVES

Students are able to, based on a DCE : • Present the file as a whole, • Identify the nature and characteristics of the soils, • Describe the main infrastructure and superstructure works (from foundations to roof), • Propose a construction solution, • Understand load transfer based on execution plans.

COMPETENCE AND SKILLS

Present the role and characteristics of the different structural elements of a building

PROGRAM

• Reading plans (Technical drawing standards NFP 02-001) • The different parts of a DCE (composition and information retrieval) • Building terminology (vocabulary) • The different elements of a construction (Infrastructure, superstructure, structural works, finishing works, etc.) • Load transfer (beam, shear wall, ribbed slab, etc.)

BIBLIOGRAPHY

Précis de chantier ; Précis du bâtiment ;

REQUIREMENTS

Technical drawing course