

IDENTIFICATION

Course code : E3BE6ST2
ECTS : 2

DURATION

Lectures : 7
Tutorial classes : 17
Labs : 0
Total : 24

Project :
Personnal work :

ASSESSMENT

1 continuous assessment

TEACHING MATERIALS

course material

LANGUAGE

English

CONTACT

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UE : UE6.1-STRUC

COURSE : Introduction to Building Digital Mock-ups

SCOPE OF THE COURSE

OBJECTIVES

Mastery of CAD software for representing 2D plans during project and execution phases (foundation plans, formwork plans), and 3D modeling of buildings or other Civil Engineering structures.

COMPETENCE AND SKILLS

Produce execution plans (foundation plans, formwork plans) at a precise scale

PROGRAM

• Introduction to AutoCAD • Introduction to drawing creation • Drawing, manipulation, and modification of basic shapes • Layer and property management • Drawing editing • Tracing simple objects • Text and hatching : layout • Display management • Basic dimensioning • Creating and inserting blocks with attributes • Image import • Paper layout and printing • Custom scale creation

BIBLIOGRAPHY

AutoCAD 2018 - 2D and 3D design, presentation - all advanced tools and features for professional projects

REQUIREMENTS

Construction materials ; Construction techniques