

Course guide

290617 - ESTRUCII14 - Shape and Deformations

Last modified: 05/07/2024

Unit in charge: Vallès School of Architecture
Teaching unit: 753 - TA - Department of Architectural Technology.
Degree: DEGREE IN ARCHITECTURE STUDIES (Syllabus 2014). (Compulsory subject).
Academic year: 2024 **ECTS Credits:** 4.0 **Languages:** Catalan

LECTURER

Coordinating lecturer: DAVID GARCÍA CARRERA
Others: Primer quadrimestre:
DAVID GARCÍA CARRERA - 1
JORDI PAYOLA LAHOZ - 1

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:

ET10G. The ability to conserve rough building work.
ET13G. Adequate knowledge of solid, continuum and soil mechanics and the plastic, elastic and strength behaviour of heavy building materials.
ET14G. Adequate knowledge of conventional construction systems and their pathology.
ET3G. An aptitude for conserving building structures, foundations and civil works.
ET4G. An aptitude for conserving finished works.

Generical:

CE8. An understanding of structural, construction and engineering design problems related to building design.

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

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STUDY LOAD

Type	Hours	Percentage
Self study	56,0	56.00
Hours large group	22,0	22.00
Hours medium group	22,0	22.00

Total learning time: 100 h



CONTENTS

Syllabus

Description:

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Related competencies :

ET14G. Adequate knowledge of conventional construction systems and their pathology.

ET13G. Adequate knowledge of solid, continuum and soil mechanics and the plastic, elastic and strength behaviour of heavy building materials.

CE8. An understanding of structural, construction and engineering design problems related to building design.

Full-or-part-time: 44h

Theory classes: 22h

Practical classes: 22h

GRADING SYSTEM
