Course guides
290617 - ESTRUCII14 - Shape and Deformations

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: 2021  ECTS Credits: 4.0  Languages: Catalan, Spanish

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self study</td>
<td>56,0</td>
<td>56.00</td>
</tr>
<tr>
<td>Hours medium group</td>
<td>22,0</td>
<td>22.00</td>
</tr>
<tr>
<td>Hours large group</td>
<td>22,0</td>
<td>22.00</td>
</tr>
</tbody>
</table>

Total learning time: 100 h
## CONTENTS

### Syllabus

**Description:**

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**Related competencies:**

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

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.

**Full-or-part-time:** 44h

- Theory classes: 22h
- Practical classes: 22h

## GRADING SYSTEM