

30747 - Constructive Solutions Concerning Architecture

Información del Plan Docente

Academic Year	2016/17
Academic center	110 - Escuela de Ingeniería y Arquitectura
Degree	470 - Bachelor's Degree in Architecture Studies
ECTS	6.0
Course	5
Period	Second semester
Subject Type	Optional
Module	---

1.Basic info

1.1.Recommendations to take this course

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

2.2.Introduction

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

5.1.General methodological presentation

This course has a theoretical part that consists in the analysis of three different built projects that are considered leading architectural references, from a critical viewpoint comprising constructive details, structural analysis and tectonic of materials.

In parallel, the students will develop a similar analysis for a built project of their choice. Lectureres will guide them throughout this process.

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5.2.Learning activities

This course is based on the critical analysis of different outstanding buildings. This process will be developed by the students by following similar guidelines to these employed by the lecturers.

5.3.Program

1. Analysis of a building with steel structure.
2. Analysis of a building with reinforced concrete structure.
3. Analysis of a building with wooden structure.

5.4.Planning and scheduling

Lectures will be given on a basis of four hours per week: two of them theoretical, given by the lecturers. The other two will be accomplished by the students and guided by the former.

The course assignment will have partial pre-delivery and final delivery dates that will be defined at the beginning of the course.

5.5.Bibliography and recommended resources

Lecture notes will be provided by the instructors.