

30747 - Constructive Solutions Concerning Architecture

Syllabus Information

Academic Year: 2019/20

Subject: 30747 - Constructive Solutions Concerning Architecture

Faculty / School: 110 -

Degree: 470 - Bachelor's Degree in Architecture Studies

ECTS: 6.0

Year: 5

Semester: Second semester

Subject Type: ---

Module: ---

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

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.

4.2.Learning tasks

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.

4.3.Syllabus

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.

4.4.Course planning and calendar

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.

4.5.Bibliography and recommended resources

Lecture notes will be provided by the instructors.