

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	3
Period	Second semester
Subject Type	Compulsory
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**

The learning process designed for this course is based on the following:

The course consists of a theoretical part where knowledge about properties, shape, processes, types, norms, on-site installation, construction applications and pathologies of the building systems, materials and construction products are introduced. In these theoretical sessions students are encouraged to actively participate in relation to activities previously proposed.

30726 - Construction 2

In parallel, practical activities are devoted to two exercises of application of the theoretical knowledge. The exercises are performed in groups of 3-4 students during the semester and are supervised during the course, thus allowing a continuous evaluation. The first exercise is done individually, while the second takes place in groups of 3-4 students. Both run during the semester, being supervised by teachers weekly, thus allowing a continuous evaluation of the student.

Complementarily visits to works and construction companies are made, and talks and lectures by companies and industry professionals are organised.

5.2.Learning activities

Total hours of student work: 150 hours (6 ECTS)

Theoretical credits: 75 hours (3 ECTS)

Practical credits: 75 hours (3 ECTS)

Classroom activities

1. Theoretical and problems resolution classes (large group).
2. Practical classes (intermediate group).
 - Case study discussions.
 - Tutorial sessions.
3. Visits to on-site building constructions, buildings or conferences.
4. Scheduled tutoring.
5. Written test

Distance activities

6. Studying and individual work.
7. Performing tasks and projects individually and/or in small groups.

5.3.Program

General content

- Building Systems and Construction Materials
- Facade Systems and Materials
- Opening Systems and Materials
- Roof Systems and Materials
- Partitioning Systems and Interior carpentry
- Flooring and Finishing Systems
- Other Systems and Materials

5.4.Planning and scheduling

Theoretical classes of 2 hours per week according to the School schedule.

Practical classes of 2 hours per week according to the School schedule.

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

The date of the theoretical test will be included in the School exams calendar.

5.5.Bibliography and recommended resources