

## 30726 - Construction 2

### Syllabus Information

**Academic Year:** 2020/21

**Subject:** 30726 - Construction 2

**Faculty / School:** 110 - Escuela de Ingeniería y Arquitectura

**Degree:** 470 - Bachelor's Degree in Architecture Studies

**ECTS:** 6.0

**Year:** 3

**Semester:** First semester

**Subject Type:** Compulsory

**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

The methodology followed in this course is oriented towards the achievement of the learning objectives. It is based on participation and the active role of the student favors the development of communication and decision-making skills. A wide range of teaching and learning tasks are implemented, such as lectures, assignments, autonomous work, and tutorials.

Students are expected to participate actively in the class throughout the semester.

Classroom materials will be available via Moodle. These include a repository of the lecture notes used in class, the course syllabus, as well as other course-specific learning materials, including a discussion forum.

The course consists of a theoretical part in which knowledge about construction systems applicable to architecture is introduced. In parallel, practical activities are devoted. The exercises are performed in groups of 3-4 students during the semester and are supervised during the course, thus allowing a continuous evaluation.

Further information regarding the course will be provided on the first day of class.

### 4.2.Learning tasks

This is a 6 ECTS course organized as follows:

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

Theoretical credits: 75 hours (3 ECTS )

Practical credits: 75 hours (3 ECTS )

Type A Activities

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1. Theoretical and problems resolution classes
  2. Practical classes
  - ? Case study discussions.
  - ? Tutorial sessions
  4. Scheduled Tutoring.
  5. Written test Theoretical knockout tests

#### Type B Activities

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

### **4.3.Syllabus**

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
- Floors and slabs in contact with the ground

### **4.4.Course planning and calendar**

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 (I-II-III-IV Fases) dates that will be defined at the beginning of the course.

The date of the partial theoretical test will be defined at the beginning of the course.

The date of the final test (in case of not overcoming the continuous assessment of the subject in its practical and theoretical part) will be included in the School exams calendar.

### **4.5.Bibliography and recommended resources**

[http://biblos.unizar.es/br/br\\_citas.php?codigo=30726&year=2020](http://biblos.unizar.es/br/br_citas.php?codigo=30726&year=2020)