

30743 - Construction 4B

Syllabus Information

Academic Year: 2019/20

Subject: 30743 - Construction 4B

Faculty / School: 110 -

Degree: 470 - Bachelor's Degree in Architecture Studies

ECTS: 6.0

Year: 5

Semester: Second semester

Subject Type: Optional

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

1. The acquisition of basic knowledge is mainly developed through participatory lectures and small case studies.
2. The application of knowledge is done through workshop classes in which students will develop a final work under the supervision of teachers, presenting and defending the solutions adopted.
3. The tutorials will serve to review both knowledge and the work done by the student.

To follow the theory the student will have the teaching materials developed by teachers and various materials of interest to increase motivation and curiosity to eventually continue learning individually.

4.2.Learning tasks

- Two hours a week will be developed and taught as workshop classes in which students will develop the knowledge acquired in theory.
- The practices will focus on the resolution of a urban area, to be delivered at the end of the course, so that students will face the street design, addressing geometry, structural solution and urban details, as well as the integration of all

the urban elements.

4.3.Syllabus

- 1. Introduction**
- 2. Technical conditions. Pre-existent**
- 3. Street design**
- 4. Construction of the road. Geometry**
- 5. Construction of the road. Structure**
- 6. Pedestrian space and the bicycle**
- 7. Driveway and parking**
- 8. Details and pathologies**
- 9. Landscape, green areas and gardens**
- 10. Urban furniture**

4.4.Course planning and calendar

Two hours of weekly theoretical knowledge will be taught. The theoretical teaching of the subject will be developed through participatory lectures.

Complementarily two hours a week will be developed and taught as workshop classes in which students will develop the knowledge acquired in theory. The practices will focus on the constructive resolution of a design for a public space, to be delivered at the end of the course.

Throughout the course they will make several partial deliveries of work, announced in advance through e-mail and the moodle platform, indicating the work to be included. There will be a final delivery of all the work, the deadline shall be determined in coordination with deliveries of works of other subjects.

The student will be evaluated through a system of continuous assessment. Students who do not opt for continuous assessment, who do not pass the subject by this procedure, or who want to improve their final score, are entitled to present to a final global test, prevailing in any case, the best test scores

4.5.Bibliography and recommended resources

The student could find additional information and resources in the library:
<http://psfunizar7.unizar.es/br13/egAsignaturas.php?id=8663>