

30743 - Construction 4B

Información del Plan Docente

Academic Year	2018/19
Subject	30743 - Construction 4B
Faculty / School	110 - Escuela de Ingeniería y Arquitectura
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.

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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>

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- BB Accesibilidad en los espacios públicos urbanizados [Madrid] : Ministerio de Vivienda, Centro de Publicaciones, 2010
- BB AV Monografías, nº 140. Obra mínima Madrid : Arquitectura Viva 1985- [Publicación periódica]
- BB Farrelly, Lorraine. Drawing for Urban Design / Lorraine Farrelly Laurence Publishing, London, 2011
- BB Guía técnica de accesibilidad en la edificación 2001 . - 2ª ed. rev. [Madrid] Centro de Publicaciones, Ministerio Fomento, 2002
- BB Holden, Robert. La construcción en proyecto del paisaje / Robert Holder Jamie Liversedge Barcelona : Gustavo Gili, cop. 2011
- BB López Candeira, José Antonio. Diseño urbano : teoría y práctica / José A. López Candeira Madrid : Munilla-Lería, 1999
- BB López Candeira, José Antonio. Tratamiento del espacio exterior / José López Candeira Madrid : Munilla-Lería, 2002
- BB Manchón, L. Felipe. Recomendaciones para el proyecto y diseño del viario urbano / L. Felipe Manchón, Juan A. Santaromán [Fernando Llorente Sagaseta, dibujos y gráficos] . - 2ª ed. rev. [Madrid] : Centro de Publicaciones, Ministerio de Fomento, 2000
- BB Martínez Sareandeses, José. Guía de diseño urbano / José Martínez Sarandeses, María Agustina Herrero Molina, María Medina Muro [Madrid] Centro de Publicaciones, Ministerio Fomento, 2003
- BB Tectónica (Madrid. Ed. en español) : Tectónica. (Madr. Ed. esp.) 222 0
- BB Tectónica. (Madrid. Ed. en español) : Tectónica : monografías de arquitectura, tecnología y construcción, nº30 Espacios exteriores. Madrid : ATC Ediciones, [Publicación periódica]
- BB Urban street design guide / National Association of City Transportation Officials Washington : Island Press, cop. 2011