

28604 - Building history

Información del Plan Docente

Academic Year	2018/19
Subject	28604 - Building history
Faculty / School	175 - Escuela Universitaria Politécnica de La Almunia
Degree	422 - Bachelor's Degree in Building Engineering
ECTS	6.0
Year	1
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 learning process designed for this subject is based on the following:

A Strong teacher/student interaction. This interaction becomes a reality through a division of work and responsibilities between the students and the teacher.

For the learning process, the student will have the basic contents available through lectures given by the teacher. These contents will give rise to both the questions considered in the practical sessions, and the work that students must develop autonomously, always monitored by the teacher.

28604 - Building history

4.2.Learning tasks

The program offered to the student to help achieve the expected results includes the following activities:

On-site activities:

-Lectures: Theoretical activities carried out mainly through explanation by the teacher, where the theoretical supports of the subject are given, highlighting the basics, structuring them into topics and/or sections, interrelating them. The lecture is supported by the projection of audio visual presentations, including different images and videos. The student, through the educational platform Moodle, is provided with both the notes prepared by the teacher to support lessons and the recommended bibliography.

-Practical Lessons: The weight of these classes is shared between teacher and students. The teacher solves practical cases for teaching purposes. This type of teaching complements the theory shown in the lectures with practical aspects.

-Field practical classes and conferences: Visits to actual construction sites are very useful for learning to identify in situ elements and construction systems defined in the classroom. It will be especially interesting to visit constructions which are in the process of rehabilitation, accompanied by the technicians responsible for its management and execution to visualize the constructive solutions used and deal with the real problems. The attendance to conferences related to the subject is also considered, in both the University of Zaragoza and other institutions.

Individual Tutorials: Those carried out giving individual, personalized attention with a teacher from the department. They may be in person (department) or online (Moodle or mail).

Generic off-site activities:

-Study and understanding of the theory taught in the lectures.

-Understanding and assimilation of the problems and practical cases solved in the practical classes.

-Preparation of seminars, solutions to proposed practice tasks, etc.

-Preparation of the written tests for continuous assessment and final exams.

Reinforcement activities: Activities that reinforce the basics of the subject are assigned from Moodle. The monitoring of these activities is carried out in a personalized way. This kind of activities provides the teacher with of attitude, effort and performance evaluation of the student learning.

28604 - Building history

The combination of these learning activities is considered essential for students to be able to achieve the objectives. Thus, after an initial theoretical explanation, the students will be instructed in solving practical problems associated to complete their understanding of the subject and eventually they will be placed facing a problem to be addressed independently without the direct participation of the teacher who will, nevertheless, act as a counsellor

The subject has 6 ECTS credits, which represents 150 hours of student work in the subject during the semester, in other words, 10 hours per week for 15 teaching weeks.

A summary of a weekly timetable guide can be seen in the following table. These figures are obtained from the subject file in the Accreditation Report of the degree, taking into account that the level of experimentation considered for the mentioned subject is high.

Activity	Weekly school hours
Lectures	4
Practices	2
Other Activities	4

4.3.Syllabus

PRECLASSICAL ARCHITECTURAL CONSTRUCTION

T.01. The origins: the megalithic construction

T.02. Mesopotamian and Egyptian construction

CLASSIC ARCHITECTURAL CONSTRUCTION

T.03. Greek construction and background

T.04. Roman construction and background

MEDIEVAL ARCHITECTURAL CONSTRUCTION

T.05. Early Christian and Byzantine construction

28604 - Building history

T.06. Hispanic-Visigothic, Hispanic-Islamic and "Mudejar" construction

T.07. Romanesque construction and Pre-Romanesque background

T.08. Gothic construction

MODERN AND CONTEMPORARY ARCHITECTURAL CONSTRUCTION

T.09. Construction from the Renaissance to the 19th century

T.10. 19th and 20th century construction

4.4.Course planning and calendar

Schedule sessions and presentation of works

Week	Content	
1	Presentation and T01. The origins: the megalithic construction	T02. Mesopotamian and Egyptian construction
2	T03. Greek construction	
3	T04. Roman construction	
4	T04. Roman construction	
5	T05. Early Christian and Byzantine construction	
6	T06. Hispanic-Visigothic construction	
7	T06. Hispanic-Islamic/ Mudejar construction	
8	T07. Romanesque construction and Pre-Romanesque background	
9	T07. Romanesque construction	
10	T08. Gothic construction	

28604 - Building history

11	T08. Gothic construction
12	T09. Construction from the Renaissance to the 19th century
13	T10. 19th and 20th century construction
14	T10. 19th and 20th century construction
15	Tutorial/ Assessment

4.5. Bibliography and recommended resources