

Información del Plan Docente

Academic Year 2017/18

Faculty / School 175 - Escuela Universitaria Politécnica de La Almunia

Degree 422 - Bachelor's Degree in Building Engineering

ECTS 6.0 **Year** 4

Semester First semester

Subject Type Compulsory

Module ---

- 1.General information
- 1.1.Introduction
- 1.2.Recommendations to take this course
- 1.3.Context and importance of this course in the degree
- 1.4. Activities and key dates
- 2.Learning goals
- 2.1.Learning goals
- 2.2.Importance of learning goals
- 3. Aims of the course and competences
- 3.1.Aims of the course
- 3.2.Competences
- 4.Assessment (1st and 2nd call)
- 4.1. Assessment tasks (description of tasks, marking system and assessment criteria)
- 5.Methodology, learning tasks, syllabus and resources
- 5.1.Methodological overview

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

Presentation general methodology



Strong interaction between the teacher/student. This interaction is brought into being through a division of work and responsibilities between the students and the teacher. Nevertheless, it must be taken into account that, to a certain degree, students can set their learning pace based on their own needs and availability, following the guidelines set by the teacher.

The current subject (the teacher should put THE NAME OF THE SUBJECT here) is conceived as a stand-alone combination of contents, yet organized into three fundamental and complementary forms, which are: the theoretical concepts of each teaching unit, the solving of problems or resolution of questions and laboratory work, at the same time supported by other activities

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IN THIS TEXT LABORATORY WORK HAS BEEN INCLUDED. IF YOUR SUBJECT DOES NOT HAVE LABORATORY WORK THIS PART SHOULD BE REMOVED.

The organization of teaching will be carried out using the following steps:

— **Theory Classes**: Theoretical activities carried out mainly through exposition by the teacher, where the theoretical supports of the subject are displayed, highlighting the fundamental, structuring them in topics and or sections, interrelating them.

— **Practical Classes**: The teacher resolves practical problems or cases for demonstrative purposes. This type of teaching complements the theory shown in the lectures with practical aspects.

— Laboratory Workshop: The



lecture group is divided up into various groups, according to the number of registered students, but never with more than 20 students, in order to make up smaller sized groups.

— **Individual Tutorials**: Those carried out giving individual, personalized attention with a teacher from the department. Said tutorials may be in person or online.

5.2.Learning tasks

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The course includes 6 ECTS organized according to:

- Lectures (1.5 ECTS): 37.5 hours.
- Guided assignments (1.5 ECTS): 37.5 hours.
- Autonomous work (3 ECTS): 75 hours.

Lectures: the professor will explain the theoretical contents of the course and solve illustrative applied problems. These problems and exercises can be found in the problem set provided at the beginning of the semester. Lectures run for 3 weekly hours. Although it is not a mandatory activity, regular attendance is highly recommended.

Guided assignments: students will complete assignments, problems and exercises related to concepts seen in lectures. They will be submitted at the beginning of every session to be discussed and analyzed. If assignments are submitted later, students will not be able to take the assessment test.

Autonomous work: students are expected to spend about 75 hours to study theory, solve problems, prepare lab sessions, and take exams.

Tutorials: the professor's office hours will be posted on Moodle and the degree website to assist students with questions and doubts. It is beneficial for the student to come with clear and specific questions.

1 ECTS= 10 onsite hours

5.3. Syllabus



5.4. Course planning and calendar

For further details concerning the timetable, classroom and further information regarding this course please refer to the "EUPLA" website (http://www.eupla.unizar.es)

5.5.Bibliography and recommended resources

Material	Format
Topic theory notes, Topic problems	Paper/repository
Topic theory notes	Digital/Moodle
Topic presentations	E-Mail
Related links	
Educational software	Web page

LA BIBLIOGRAFÍA ACTUALIZADA DE LA ASIGNATURA SE CONSULTA A TRAVÉS DE LA PÁGINA WEB DE LA BIBLIOTECA http://psfunizar7.unizar.es/br13/egAsignaturas.php?codigo=28630&Identificador=14265