

28720 - Civil Engineering: Health and Safety

Información del Plan Docente

Academic Year	2018/19
Subject	28720 - Civil Engineering: Health and Safety
Faculty / School	175 - Escuela Universitaria Politécnica de La Almunia
Degree	423 - Bachelor's Degree in Civil Engineering
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 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, guided assignments, laboratory sessions, 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.

4.2. Learning tasks

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.

4.3. Syllabus

Section 1. Health and Safety Management

- 1.- Basic concepts
2. Labour risk prevention law (RD 486/1997)
3. Construction work law (RD 1627/1997)

Section 2. Basic safety requirements

4. Collective Protection
- 5.-Personal protection equipment
6. Signalling
7. Welfare and sanitation facilities

4.4. 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>)

4.5. Bibliography and recommended resources