

28633 - Technical Projects I

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 that is designed for this subject is based on the following: Eminently practical methodology , which will be accompanied by theoretical sessions in which they will opt for the exhibition methodology and presentation of information . After exposure of theoretical knowledge , practical exercises will be developed by the students to develop each of the preceding paragraphs, reasonably justifying the solutions and decisions taken . All teaching , theoretical and practical activity will be supported and coordinated with tutoring outside school hours itself the subject , for questions and problems that may occur outside the normal and ordinary course of classes.

5.2. Learning tasks

The program that the student is offered to help you achieve the expected results includes the following activities ... Theory sessions, where they explain and implement the content of the subject, which coincide with the contents of various projects and building work. Practical sessions, which will be developed and plasmarán the theoretical content in concrete and specific cases building projects. These classes have double typology: Workshop classes: development of the work done. Working individually or in groups according to the practice. Monitoring and supervision of the work by teachers. Exhibitions and debates: Explanation of the work performed, arguing solutions and establishing a debate and dialogue among students. contents Contents of the essential subject for obtaining learning outcomes. Of the topics presented, each student must be able to recognize those sections that apply in the various practical cases of a specific project. Each project has specific specifications. It is proposed to develop, in parallel to the theory, a prototype of a project, and go working and completing all documentation necessary for each case, knowing discern those contents that are applicable in each case, finding the optimal solution, so reasoned and justified. As topics are developed considering these practices will go either in class or through the Moodle platform.

5.3. Syllabus

LOCATION , LOCATION , URBANIZACIÓN DISTRIBUTION AND COORDINATE PLANTS ALZADOS SECTIONS
CONSTRUCTIVE DETAILS Carpentry, locksmith , OTHER PLANNING STRUCTURES FACILITIES PLANNING
JUSTIFICATION OF THE LEGISLATION SAFETY STUDY PLANS
PROPOSALS FOR ACTION

- DEMOLITION PROJECTS

DEMOLITION THE DESTRUCTION SUSTAINABLE ACTIONS AND RECOVERY AND RECYCLING

- OTHER WORK IN THE FIELD OF BUILDING

TECHNICAL REPORTS , AND VALUATIONS PERITACIONES SURVEYING PLANS STUDIES IN BUILDING
PATHOLOGY CONSOLIDATION RESTORATION -REFORM DEMARCATIONS and stakeout

- TOXIC MATERIALS

ASBESTOS fiber cement PATHOLOGY AND PRECAUTIONS OTHERS

- HEALTH AND SAFETY STUDIES

EVALUATION OF WORK RISKS EVALUATION PREVENTION MEASURES CORRECTIVE MEASURES

- WASTE MANAGEMENT
- BUDGETS AND MEASUREMENTS OF DEMOLITION PROJECT
- GRAPHIC DOCUMENTATION AND PLANS
-

5.4. Course planning and calendar

The presentation of students work well advertised during the development of the face or activities through the Moodle platform: <http://moodle.unizar.es>.

5.5. Bibliography and recommended resources

- Cusa Ramos, Juan de. Derribos y demoliciones / Juan de Cusa Ramos. - 1 edc Barcelona : Ceac, 2002 [Monografías de la construcción ; 1]
- Lund, Herbert F.. Manual McGraw-Hill de reciclaje / Herbert F. Lund ; traducción y revisión técnica, Juan Ignacio Tejero Monzón ... [et al.] . - [1a. ed. en español] Madrid [etc.] : McGraw-Hill, D.L. 1996
- LEY DE URBANISMO DE ARAGÓN
- Ordenanza Municipal Reguladora del Deber de conservación de Edificación. Zaragoza
- REAL DECRETO 396/2006, de 31 de marzo
- REAL DECRETO 105/2008, de 1 de febrero
- ORDEN MAM/304/2002, de 8 de febrero
- RD 230-98 REGLAMENTO DE EXPLOSIVOS
- RD 863-85 NORMAS SEGURIDAD MINERA