

30323 - Telecommunications Projects Management

Información del Plan Docente

Academic Year	2016/17
Academic center	110 - Escuela de Ingeniería y Arquitectura
Degree	438 - Bachelor's Degree in Telecommunications Technology and Services Engineering
ECTS	6.0
Course	4
Period	First semester
Subject Type	Compulsory
Module	---

1.Basic info

1.1.Recommendations to take this course

1.2.Activities and key dates for the course

2.Initiation

2.1.Learning outcomes that define the subject

2.2.Introduction

3.Context and competences

3.1.Goals

3.2.Context and meaning of the subject in the degree

3.3.Competences

3.4.Importance of learning outcomes

4.Evaluation

5.Activities and resources

5.1.General methodological presentation

The subject program is developed through the following methodologies:

Classroom and laboratory methodology: lectures (M1), resolution of practical problems in the classroom (M8), lab practices (M9) and evaluation (M11). Additionally, students will be personal attended through tutoring sessions (M10)

Autonomous learning: In addition to the lectures and labs, the learning activities will require autonomous learning:

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practical work (M13), theoretical (M14) and practical (M13) study.

We visit Telecommunication's companies (M16)

5.2.Learning activities

The program includes the following activities ...

CLASSROOM HOURS

It includes classes of the course and practical work in the classroom. At the same time, training seminars will be conducted by various professional engineer. This activity will be in the classroom.

EXTERNAL VISITS

Two visits to companies in the telecommunications sector were made.

DESIGNING A PROJECT

The tutored projects will be based on any matter of the Degree in Engineering Telecommunication technologies and services by applying the content of the subject. Work will proposed students according to their learning interests and supervised by the teacher. It will be performed through a working group including the need for coordination and it will be evaluated by a written report and an oral presentation.

For this work be conducted bi-weekly tutorials with each working group (the group will consist of 5 students).

5.3.Program

The distribution into thematic units of this subject is as follows:

- 1.- General Theory projects
 - 1.1 Preparation Phase
 - 1.2.- Planning Phase
 - 1.3.- Phase Monitoring
 - 1.4.- Closing Phase
 - 1.5.- Human Resources
 - 1.6.- Quality, environmental control and safety
 - 1.7.- Economic management and risk
 - 1.8.- methodologies and project management techniques.
2. Engineering Projects
 - 2.1 Draft and Memory
 - 2.2 Plans
 - 2.3.- Budget
 - 2.4.- Telecommunications Projects
 - 2.4.1.- ICTs
 - 2.4.2.- Radio and TV Projects
 - 2.4.3 Professional associations
 - 2.4.4 Current Legislation.
 - 2.4.5.- R & D Project
 - 2.5.- PFC or TFC
3. Project technology company. How to create your company / project

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3.1 Business Plan
3.2.-Methodologies

5.4.Planning and scheduling

Schedule sessions and presentation of works

The schedule of the course, both of the sessions in the classroom and outside visits, It will be determined by the academic calendar that the center established for the corresponding course.

The presentation of final work will take place the last week of the semester class.

5.5.Bibliography and recommended resources

Transparencies, annotated bibliography and case studies. Information will be available in:
<https://moodle.unizar.es/> .

A Guide to the Project Management Body of Knowledge (PMBok Guide), 2008, Publicado por Project Management Institute Inc, ANSI estandar. www.pmi.org

The Lean Startup, Eric Ries, Crown Publishing Group (Random House Inc), 2011

Santos Sabrás, Fernando. Ingeniería de proyectos, Ediciones Universidad de Navarra, Eunsa, 1999