30031 - Project Office

Información del Plan Docente

Academic Year	2017/18
Faculty / School	110 - Escuela de Ingeniería y Arquitectura
Degree	436 - Bachelor's Degree in Industrial Engineering Technology
ECTS	6.0
Year	4
Semester	Second 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:

The learning methodology to be used in the subject is the Project Based Learning as the fundamental activity of student learning will focus on the implementation of an industrial engineering project. This project will be performed by teams to

facilitate collaborative student learning and to become familiar with this way of working.

With the completion of this project it is intended that students acquire the skills contained in the subject guide, but also intended to be able to interact with the different stakeholders of a project and to experience how works the project office of a company.

This project will require the student to integrate the knowledge he has been acquired throughout their studies and apply them to an environment that simulates a real situation of service to a customer with particular needs and goals.

There is a possibility to perform this project in a real company, previously contacted by the teachers responsible for the subject. Students may participate in this option voluntarily. If they cannot meet all the requests, interested students will be assigned to existing projects through a lottery.

5.2.Learning tasks

The program offered to the students to help them achieve the expected results, includes the following activities ...

Lectures.

Conferences and seminars.

Laboratory sessions.

Project work.

5.3.Syllabus

Topic 1: Introduction

Topic 2: Project Definition

Topic 3: Preliminary studies

Topic 4: Project Planning

Topic 5: Basic Engineering

Topic 6: Detailed Engineering

30031 - Project Office

Topic 7: Monitoring, implementation and commissioning

Topic 8: Project structure and documentation

Topic 9: The profession of industrial engineer

5.4.Course planning and calendar

Schedule of sessions and project presentations

At the beginning of the course and depending on the academic calendar and schedules determined by the Center, the detailed schedule will be communicated to the students.

5.5.Bibliography and recommended resources