

30031 - Project Office

Información del Plan Docente

Academic Year	2016/17
Academic center	110 - Escuela de Ingeniería y Arquitectura
Degree	436 - Bachelor's Degree in Industrial Engineering Technology
ECTS	6.0
Course	4
Period	Second 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 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.

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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 activities

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.Program

Topic 1: Introduction

Topic 2: Project Definition

Topic 3: Preliminary studies

Topic 4: Project Planning

Topic 5: Basic Engineering

Topic 6: Detailed Engineering

Topic 7: Monitoring, implementation and commissioning

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Topic 8: Project structure and documentation

Topic 9: The profession of industrial engineer

5.4.Planning and scheduling

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