25821 - Technical Office

Información del Plan Docente

Academic Year	2016/17
Academic center	110 - Escuela de Ingeniería y Arquitectura
Degree	558 - Bachelor's Degree in Industrial Design and Product Development Engineering
	271 - Bachelor's Degree in Industrial Design and Product Development Engineering
ECTS	6.0
Course	---
Period	Indeterminate
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 teaching methodology is structured in four levels: theory classes, problem classes, computer lab sessions and supervised sessions.

The fundamental contents of the subject will be presented and discussed in the theory classes

Problem classes where students perform exercises, problems and projects.

Computer lab sessions wil be arranged in small groups. Students will be explained how to handle with the required software to develop an engineering project.

Supervised sessions will be carried out individually for each students group. There will be a mandatory appointment at the office with groups not exceeding three or four students.

5.2.Learning activities

There will be the following activities:
Teaching type 1: Theory classes (30 hours). The main course contents are explained in theory classes. This activity will take place in the classroom using a blackboard, a slideshow presentation program or else.
Teaching type 2: Problem classes (15 hours). Students will solve exercises and any question about the proposed engineering project, under the supervision of a teacher.
Teaching type 3: Computer lab sessions (15 hours). Computer lab sessions will be arranged in small groups. The software needed to develop an engineering project will be explained by the teacher and will be handled by students
Teaching type 6: Supervised sessions of engineering project. Students give, receive and use feedback to improve their engineering projects. The students have to show that they have assimilated the contents presented in the other activities.
Teaching type 7: Personal study. Individual effort necessary to consolidate a correct learning process.
Teaching type 8: Assessment. The students will take an exam and two engineering projects will be handed.
Other activities: Tutorship. Students may solve any questions they might have about unclear contents of the course.

5.3.Program
1. Documents structure of engineering projects
2. Project management
3. Certification and registration of engineering projects

5.4.Planning and scheduling

The course calendar is defined by the EINA calendar.

5.5.Bibliography and recomended resources

R ecommended bibliography