30033 - Undergraduate Dissertation

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	12.0
Course	4
Period	Second semester
Subject Type	End of Grade Dissertation
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

This Degree Project (also called "end study work" or "end of grade dissertation") will demonstrate the student competence on industrial engineering, whatever field previously selected by the student (i.e. electronics, mechanics, chemical engineering, etc.).

It will take around 300 hours (12 ECTS), under the director supervision (see further references at www.eina.unizar.es). It is a common practice in Engineering Schools as student final examination, in this case it will be present faced to a

multidisciplinary tribunal.
In this particular Degree, it is possible to make this Project in groups, but final examination, defense and evaluation will be individual (compulsory by legal requirements)

There are two common types of this end study work:
- A classical engineering project (divided in planning, budget, detailed drawings, technical requirements, etc.), named "A-Type", usually needed for any industrial development, facility or equipment.
- An open format: any kind of design work, laboratory report, new industrial development, technical analysis, etc. strongly related to industrial practice, named "B-Type", and complex enough to demonstrate student competence in industrial engineering.

5.2.Learning activities

5.3.Program

Due to its specific orientation, this subject has no defined program, see 5.1.

5.4.Planning and scheduling

5.5.Bibliography and recomended resources