

Bachelor Thesis

Academic Year: (2017 / 2018)

Review date: 04-05-2017

Department assigned to the subject: Bioengineering and Aerospace Engineering Department, Signal and

Coordinating teacher: LLORENTE ROMANO, SERGIO

Type: Bachelor Thesis ECTS Credits : 12.0

Year : XX Semester :

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

All courses of the degree

OBJECTIVES

The objective of this course is that students acquired knowledge and competences in the global aspects of their degree. It is a course that combines a technical, economic and social approach to the profession.

In order to achieve this objective, students must acquire the following competences:

- Analysis and synthesis
- Organization and scheduling
- Abstraction and deduction
- Problem solving
- Team work

DESCRIPTION OF CONTENTS: PROGRAMME

Original exercise and extended summary to be presented and defended in front of an academic committee. The work will be an integral project in the speciality field that will be professionally oriented where the different competences acquired during the degree courses can be demonstrated, or an innovative work developing an idea, prototype or model of an equipment or system in one of the fields of the speciality.

LEARNING ACTIVITIES AND METHODOLOGY

The learning activities and methodology for the Trabajo Fin de Grado are specified in the corresponding university regulation: <http://www.uc3m.es/ss/Satellite/SecretariaVirtual/es/TextoMixta/1371210936260/>

ASSESSMENT SYSTEM

It will be mandatory to present the following documents:

1. A document (recommended extension of 30-100 pages) describing the work done in the project (1,15-1,25 interline space, font 12point). A possible structure would be:
 1. Problem statement;
 2. Goals;
 3. Introduction and state of the art;
 4. Materials, Methods and Solution design;
 5. Results and discussion;

6. Project scheduling and budget;

7. References.

Additional information may be included as annexes.

2. An extended summary (3-10 pages).

In order to evaluate the project the corresponding evaluation matrix will be used.