

Professional Internships

Academic Year: (2019 / 2020)

Review date: 07-05-2020

Department assigned to the subject: Bioengineering and Aerospace Engineering Department

Coordinating teacher: PASCAU GONZALEZ GARZON, JAVIER

Type: Electives ECTS Credits : 12.0

Year : 4 Semester :

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

All subjects in the 1st, 2nd and 3rd courses.

OBJECTIVES

- Ability to apply the knowledge acquired during undergraduate studies for solving engineering problems in a professional environment, providing efficient answers to problems that require an interdisciplinary point of view, having to evaluate both technical and economical factors at the same time, being respectful with the current normative and being responsible from the legal and environmental point of view.
- To manage the conditioning factors of a professional environment: competitiveness, innovation, continuous update of knowledge, quality policies, relations with external and internal clients, relationship with suppliers, decision making, time management, etc.
- Capacity to make cooperative work, taking the roles required by the project leader and being a responsible member of a work team, showing initiative at the same time.
- To acquire organization and planning skills.
- Training in decision-making and work under pressure.

LEARNING RESULTS

- Apply in a real context knowledge acquired, meaning the student to contrast and prove its meaning.
- Improve the knowledge in the real context in which they are functional, and are related to the own field of professional qualifications.
- Learn about the labor market situation in the area of specialization and the next geographical environment.

DESCRIPTION OF CONTENTS: PROGRAMME

All those activities carried out by students in companies, institutions and organizations, which seek to give a practical complement (or an academic-practical complement) to the academic learning process when such activity is relevant to the learning process and their future professional career. Among them, the creation of their own companies.

LEARNING ACTIVITIES AND METHODOLOGY

- 1) The academic tutor organises an informative session with the students.
- 2) The students are interviewed by the company in a selection process.
- 3) Having passed the selection process, the student performs 300h of professional internship in the company.
- 4) During that internship, the academic tutor will be informed of the evolution of the technical aspects of the internship and he will provide the necessary support to the student. Also, the student will have an advisor in the company, who will be in charge of managing and monitoring the activity of the student in

the company.

5) At the end of the internship, the student will write a report for its evaluation.

ASSESSMENT SYSTEM

The evaluation includes the assessment of all the activities developed during the internship in the company. The following will be required to make the evaluation:

- Report of the company advisor.
- Report of the work developed during the internship, to be delivered within the specified deadlines. Based on these two reports, the academic tutor will grade the subject.

% end-of-term-examination: 60

% of continuous assessment : 40