Professional Internships I

Academic Year: (2022 / 2023) **Review date: 10-04-2022**

Department assigned to the subject: Department of Bioengineering and Aerospace Engineering

Coordinating teacher: SANCHEZ ARRIAGA, GONZALO

Type: Electives ECTS Credits : 6.0

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 and 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.

DESCRIPTION OF CONTENTS: PROGRAMME

All those activities carried out by students in companies, institutions and organizations, which aim to provide 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.

In particular, the training plan of the practice will necessarily include the following aspects:

- Tasks to be developed by the student.
- Knowledge that the student will acquire.
- If the student will participate in design, planning or development tasks.
- Within which projects or areas will the practices be framed.
- Tools that will be used.

LEARNING ACTIVITIES AND METHODOLOGY

The course will proceed as follows:

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 150h of professional internship in the company.
4) During the internship, the academic tutor will be informed of the evolution 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 system includes the evaluation of the activities carried out during the internship in the company. For this, the following elements will be used:

- Report of the tutor in the company: The academic tutor of the Uc3m will request this report from the tutor of the company.

- Student report: of the work done during the practice. The student will do it according to the instructions published in Aula Global to which he or she will have access once enrolled in the subject.

Both elements will give a 100% grade.

The academic tutor at UC3M, based on the above documents, will assess the work according to the form established for this purpose.

Students who do not present the report will be rated as NOT SUBMITTED. The Tutor must send the assessment record with this grade.

If the student gives up the practice for which the subject has been validated and enrolled without having reached enough number of hours to pass the subject, he or she will be graded as NOT SUBMITTED because will not be able to present the report.