

Professional Internships

Academic Year: (2023 / 2024)

Review date: 06-04-2023

Department assigned to the subject: Electronic Technology Department

Coordinating teacher: SANZ GARCIA, CLARA MARINA

Type: Electives ECTS Credits : 6.0

Year : 4 Semester :

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

It is highly advisable to take this course in the year before graduation. Nevertheless at least the student should have passed the first and the second course of the degree before taking this course.

OBJECTIVES

By the end of this subject, students will be able to have:

1. awareness of the wider multidisciplinary context of engineering.
2. the ability to apply their knowledge and understanding to identify, formulate and solve engineering problems using established methods;
3. the ability to conduct searches of literature, and to use data bases and other sources of information;
4. the ability to select and use appropriate equipment, tools and methods;
5. the ability to combine theory and practice to solve engineering problems;
6. an awareness of the non-technical implications of engineering practice.
7. function effectively as an individual and as a member of a team;
8. use diverse methods to communicate effectively with the engineering community and with society at large;
9. recognise the need for, and have the ability to engage in independent, life-long learning.

DESCRIPTION OF CONTENTS: PROGRAMME

Content means all activities carried out by students in companies, entities and agencies, which are intended to provide a practical complement (or academic-practical complement) to academic training provided that such activity relates to their academic training and possible career opportunities.

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

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

LEARNING ACTIVITIES AND METHODOLOGY

The student will have an advisor in the company in order to direct, guide and supervise his activity in practice. You will also have an academic advisor at Uc3m who will be informed on the progress of the practice and will support the student if necessary. You will perform the tutoring you deem necessary and also grade the student.

Practical Work: 5 ECTS= 150 hours to carry out a memory of the work carried out during internships in

the company. They also aim to develop specific attitudinal capabilities. They consist of the realization of practical work in the company in charge of a tutor of the same.

Theoretical work: 1 ECTS=30 hours to carry out a memory of the work carried out during internships in the company. It is intended to verify that the student has properly used his internship and has acquired expression skills and competencies appropriately.

ASSESSMENT SYSTEM

The evaluation system includes the assessment of activities carried out during internships in business. For this purpose, the following elements will be used:

- Report of the advisor in the company: The academic tutor of the Uc3m will request this report to the tutor of the company.
- Student memory: of the work done during the internship. You will perform it according to the instructions published in Aula Global to which you will have access once the subject has been enrolled.

Both items will give a 100% rating.

The Academic Advisor at Uc3m, based on the above documents, will qualify in the form established for this purpose.

Students who do not present the memory will be rated with NOT PRESENTED. The advisor must send the minutes with this qualification.

If the student abandons the practice for which the subject has been validated and enrolled without having reached the hours corresponding to the credits to be exceeded, he will be qualified with NOT PRESENTED because he will not be able to present the report.