

Professional Internships

Academic Year: (2019 / 2020)

Review date: 06-05-2020

Department assigned to the subject: Signal and Communications Theory Department

Coordinating teacher: FERNANDEZ-GETINO GARCIA, MARIA JULIA

Type: Electives ECTS Credits : 6.0

Year : 4 Semester :

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

All subjects from 1st year to 3rd year

OBJECTIVES

The goal of this course is to allow the student to complete its formation with a period of external internship in a company. External internships reinforce students' formation and provide them a complementary laboral formation with singular value for their professional career.

COMPETENCES

- To know corporative work methods as well as the major tools used to support the work of an electrical engineer in a company.
- Ability to apply the knowledge acquired during undergraduate studies for solving engineering problems in companies.
- To provide solutions to a problem that are reasonable within the scope of the company, respectful with the current normative and responsible from the legal and environmental point of view.
- Capacity to make cooperative work, taking the roles required by the project leader and being a responsible member of a work team, but at the same time having initiative.
- To effectively communicate the knowledge related to ICT in the company.
- To acquire organization and planning skills.
- Training in decision-making and work under pressure.

LEARNING OUTCOMES

- To apply the knowledge and competences acquired during the program to the real-world context of companies.
- To learn professional and corporative work methods.
- To know and to integrate in a professional work team, making tasks efficiently, coordinated, and adjusted to the required needs.
- To effectively communicate using a professional terminology.
- To learn about the job market situation in the specialization field and in the local 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. For example, the creation of their own companies.

LEARNING ACTIVITIES AND METHODOLOGY

INTERNSHIP WORK

Consists in the realization of a real-world project in the company under the supervision of a company advisor.

REPORT

The student must write a report about the work developed during the internship. Its aim is to prove that the internship goals have been fulfilled, and the competences have been acquired appropriately.

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.

A rubric will be used to evaluate the global results of the student.