

Academic Year: (2019 / 2020)

Review date: 07/05/2020 19:23:09

Department assigned to the subject: Bioengineering and Aerospace Engineering Department

Coordinating teacher: FLORES ARIAS, OSCAR

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 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.

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

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.

