

25893 - Packing and Packaging

Información del Plan Docente

Academic Year	2018/19
Subject	25893 - Packing and Packaging
Faculty / School	110 - Escuela de Ingeniería y Arquitectura
Degree	558 - Bachelor's Degree in Industrial Design and Product Development Engineering
ECTS	6.0
Year	4
Semester	Second semester
Subject Type	Optional
Module	---

1.General information

1.1.Aims of the course

1.2.Context and importance of this course in the degree

1.3.Recommendations to take this course

2.Learning goals

2.1.Competences

2.2.Learning goals

2.3.Importance of learning goals

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

4.Methodology, learning tasks, syllabus and resources

4.1.Methodological overview

The learning methodology is based on the following principles:

From the methodological point of view the course is mainly based on a practical approach where the student will be able to apply and earn value from the knowledge taught along the theoretical sessions and master classes. For this purpose, the students will develop short group projects and case studies connected to the industrial context.

This course is based on the PBL (Project Based Learning) as well as "Learning by doing" methodologies, when the student is the key participant centered learning.

4.2.Learning tasks

Theoretical, master classes, and problem practice. Weekly sessions, 2h each.
(30h face to face approximately)

25893 - Packing and Packaging

Short projects and case studies.

(80h remotely and 10h face to face)

These are the main tasks of the Logistics Course.

The project teams will be based in 4 members depending on each Project and the instructors will follow up the progress of the projects and cases in a weekly basis.

Conferences and seminars

(4h face to face approximately)

This task will imply the interaction with experienced professionals from industry of packaging.

Personal work.

(25h individual work approximately)

Presentation.

(1h face to face)

For the particular cases of Global Test, the duration might be longer (max 5h).

4.3.Syllabus

Tema 1. Packaging design.

Tema 2. Packaging communication.

Tema 3. Types of materiales in packaging.

Tema 4. Manufacturing technologies.

Tema 5. Logistics.

Tema 6. Regulations and labeling.

Tema 7. Sustainability in packaging design.

4.4.Course planning and calendar

When the course starts and depending on the academic calendar and the school schedule, a customized schedule will be developed accordingly. This will be communicated to the students, including all the various tasks, theoretical sessions, master classes, seminars, practice problems, etc.

The most important tasks will be developed according to:

1. Short projects and case studies: will be scheduled along the overall course, with weekly tasks and deliverables.

2. Presentation.

3. Workshops / Contest related to the subject.

4. Know companies or events related to the subject, depending on availability.

4.5.Bibliography and recommended resources