29980 - Management in the industry 4.0

Información del Plan Docente

Academic Year	2018/19
Subject	29980 - Management in the industry 4.0
Faculty / School	110 - Escuela de Ingeniería y Arquitectura
Degree	430 - Bachelor's Degree in Electrical Engineering
	434 - Bachelor's Degree in Mechanical Engineering
	435 - Bachelor's Degree in Chemical Engineering
	436 - Bachelor's Degree in Industrial Engineering Technology
	438 - Bachelor's Degree in Telecomunications Technology and Services Engineering
	439 - Bachelor's Degree in Informatics Engineering
	440 - Bachelor's Degree in Electronic and Automatic Engineering
	470 - Bachelor's Degree in Architecture Studies
	476 -
	558 - Bachelor's Degree in Industrial Design and Product Development Engineering
ECTS	4.0
Year	4
Semester	Half-yearly
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 methodology followed in this course is oriented towards achievement of the learning objectives. It is based on participation and the active role of the student favors the development of communication and decision-making skills. A wide range of teaching and learning tasks are implemented, such as lectures, guided assignments, laboratory sessions, autonomous work, and tutorials.

Students are expected to participate actively in the class throughout the semester.

Further information regarding the course will be provided on the first day of class.

4.2.Learning tasks

The course includes 6 ECTS organized according to:

- Lectures (0.8 ECTS): 20 hours.

- Problems and technical cases (0.8 ECTS): 20 hours.

- Guided assignments (1.44 ECTS): 36 hours.

- Autonomous work (0.8 ECTS): 20 hours.

- Exams (0.16 ECTS): 4 hours.

4.3.Syllabus

Modules:

- New economic and business environment and implications
- Appropriation of the value of innovations
- Open Innovation
- Technological Ecosystems
- The organization of the digital company
- The strategy in the digital economy
- Marketing in the digital economy

4.4.Course planning and calendar

For further details concerning the timetable, classroom and further information regarding this course please refer to the "Escuela de Ingeniería y Arquitectura " website (https://eina.unizar.es/)

4.5.Bibliography and recommended resources