



Information about the subject

Degree: Official Master's Degree in Operations Management

Faculty: Faculty of Legal, Economic and Social Sciences

Code: 1670010 **Name:** Quality Control and Six Sigma techniques

Credits: 3,00 **ECTS Year:** 1 **Semester:** 1/2

Module: ADVANCED COMPETITIVENESS SYSTEMS

Subject Matter: CONTROL DE CALIDAD Y TÉCNICAS SIX SIGMA **Type:** Compulsory

Field of knowledge: Ciencias Sociales y Jurídicas

Department:

Type of learning: Classroom-based learning

Languages in which it is taught: Spanish

Lecturer/-s:



Module organization

ADVANCED COMPETITIVENESS SYSTEMS

Subject Matter	ECTS	Subject	ECTS	Year/semester
LEAN MANUFACTURING	6,00	Lean Manufacturing	6,00	1/2
SISTEMAS INTEGRADOS DE INFORMACIÓN	3,00	Integrated Information Systems	3,00	1/2
CONTROL DE CALIDAD Y TÉCNICAS SIX SIGMA	3,00	Quality Control and Six Sigma techniques	3,00	1/2

Prerequisites

OB

Learning outcomes

At the end of the course, the student must be able to prove that he/she has acquired the following learning outcomes:



Assessment system for the acquisition of competencies and grading system

Assessed learning outcomes

Granted
percentage

Assessment method

Observations

MENTION OF DISTINCTION:

The mention of “Honors” may be awarded to students who have obtained a grade equal to or greater than 9.0. Their number may not exceed five percent of the students enrolled in a group in the corresponding academic year, unless the number of students enrolled is lower.

Learning activities

The following methodologies will be used so that the students can achieve the learning outcomes of the subject:

- M2 Presentation of content by the teacher, analysis of competencies, explanation and demonstration of skills, abilities and knowledge in the classroom
- M3 Group work sessions supervised by the teacher. Study of real and fictional economic and business case studies. Meaningful knowledge construction through student interaction and activity. Critical analysis of values and social commitment.
- M4 Application of interdisciplinary knowledge
- M5 Supervised monographic sessions with shared participation
- M6 Personalised attention in small groups. Instruction and/or guidance period conducted by a tutor with the aim of reviewing and discussing the materials and topics presented in classes, seminars, readings, assignments, etc.
- M7 Set of tests and/or written assignments used in the initial, formative or summative evaluation of the student.



- M9 Group preparation of readings, essays, problem solving, seminars, assignments, reports, etc. to be presented or handed in during lectures, practical classes and/or small group tutorships.
- M10 Student study: individual preparation of readings, essays, problem solving, seminars, assignments, reports, etc. to be presented or handed in during lectures, practical classes and/or small group tutorships.

LEARNING OUTCOMES

HOURS

ECTS

TOTAL

Description of the contents

Description of the necessary contents to acquire the learning outcomes.

Theoretical contents:

Content block

Contents

Temporary organization of learning:

Block of content

Number of sessions

Hours



References

