

27225 - Introduction to Management Systems

Información del Plan Docente

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| Academic Year | 2016/17 |
| Academic center | 100 - Facultad de Ciencias |
| Degree | 452 - Degree in Chemistry |
| ECTS | 3.0 |
| Course | 2 |
| Period | Second semester |
| Subject Type | Optional |
| Module | --- |

1. Basic info

1.1. Recommendations to take this course

1.2. Activities and key dates for the course

2. Initiation

2.1. Learning outcomes that define the subject

2.2. Introduction

3. Context and competences

3.1. Goals

3.2. Context and meaning of the subject in the degree

3.3. Competences

3.4. Importance of learning outcomes

4. Evaluation

Assessment details

1: Continuous assessment

1. Resolution of practical cases.

2. Testing of theory and practice throughout the semester.

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3. Resolution of questions proposed by the teacher of the subject.

60% theoretical and practical tests; 40% practical cases.

2: Global assessment

60 test questions with four answers and only a valid. The approval requires 70% either answered

(One right answer for every four incorrect is discounted).

5.Activities and resources

5.1.General methodological presentation

Aims and scope

This course aims to introduce students to the knowledge of the systems most widely used in business management with the aim of improving efficiency in resource utilization.

The goal of this subject is to provide an overview of the requirements of the different standardized management systems used in the business world and the methodology needed for documentation, implementation and the subsequent certification as well as the tool used by the company to ensure compliance with applicable legal requirements and ensure the implementation of continuous improvement.

5.2.Learning activities

5.3.Program

1. Introduction.

1.1. Motivation, teamwork, synergy and communication

2. Standardized management systems in the business world and its evolution.

3. Legal Compliance. Industrial policy and legislation.

4. Management Systems. Introduction and Overview

4.1. Quality management system. ISO 9001.

4.2. Environmental management system. ISO 14001.

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- 4.3. Management system of health and safety. OSHAS 18001.
- 4.4. Management system of laboratories. ISO 17025.
- 4.5. System management of R + D + i. UNE 166002
- 4.6. Management system of corporate social responsibility
- 4.7. Integrated accountability system ARARSE
- 4.8. Other management systems.
- 5. Particular requirements for the different management systems.
- 6. Application tools in S.G.
- 7. Documentation and implementation of management systems.
- 8. Certification of Management Systems.
- 9. Prospective of Management Systems.

Practical sessions

Individualized work on the resolution of case studies based on real facts proposed in the classroom.

5.4.Planning and scheduling

5.5.Bibliography and recommended resources

- Pfeifer, Tilo. Manual de gestión e ingeniería de la calidad / Tilo Pfeifer, Fernando Torres . - 1ª. ed. española act. y amp., 1ª reimp. Zaragoza : Mira, 2002
- Juran, J.M.. Manual de control de la calidad / J.M.Juran, Frank M.Gryna ; traducción, Josep María Vallhonrat Bou ; prólogo de Manuel Guasch . - 4a ed. Barcelona [etc.] : McGraw-Hill, D.L. 1993
- Cuatrecasas Arbós, Lluís. Gestión integral de la calidad : implantación, control y certificación / Luis Cuatrecasas . - 2a. ed. Barcelona : Gestión 2000, D.L. 2001