

Academic Year: (2021 / 2022)

Review date: 04-06-2021

Department assigned to the subject: Statistics Department

Coordinating teacher: GRANE CHAVEZ, AUREA

Type: Electives ECTS Credits : 6.0

Year : 4 Semester :

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

Quality Control

OBJECTIVES

Specific Skills:

1. To describe the fundamental of the methods of Quality control and the basic tools for the analysis of processes;
2. ISO 9000 and ISO 14000. The student is going to learn how to get the ISO certification for a company

DESCRIPTION OF CONTENTS: PROGRAMME

1. Quality management systems in the company.
2. Process management in the Company
3. Quality Models
 - 3.1 Model ISO 9000
 - 3.2 EFQM
5. Economics of Quality. Quality Costs
6. Quality Tools
7. Process Quality Improvement
8. Integrated Management System: Quality, Environmental , and Safety and Health at Work

LEARNING ACTIVITIES AND METHODOLOGY

There will be no lectures (Extinction of the curriculum). Material available at Aula Global.

ASSESSMENT SYSTEM

Students must write a project on the implementation of ISO standards to a company throughout the course. The final exam counts for 40%.

All parts must have a score greater than 5 to pass the course.

% end-of-term-examination:	40
% of continuous assessment (assignments, laboratory, practicals...):	60