

Academic Year: (2018 / 2019)

Review date: 10-05-2018

Department assigned to the subject: Business Administration Department

Coordinating teacher: ALVAREZ GIL, MARIA JOSEFA

Type: Compulsory ECTS Credits : 6.0

Year : 2 Semester : 1

DESCRIPTION OF CONTENTS: PROGRAMME

1. Operations management (OM)
 - What is OM
 - Why study OM?
 - Ethics, responsibility and sustainability
 - OM Goals
2. Supply Chain Management
 - Main elements
 - SC Risks
 - Logistics decisions
 - Performance measurement
3. Operations and supply chain strategies
 - Definitions and main features
 - Most important strategies and their relations with the corporate strategy
 - How to formulate, implement and control
 - Sustainability and ethics
4. Design of goods and services
 - Stages in the development of new goods and services
 - Documents for manufacturing
 - Computer aided design and 3D printing and manufacturing
 - Quality of Design
5. Design of processes
 - Process strategies
 - Design and Analysis of manufacturing and service processes
 - Design of capacity and bottlenecks
 - Process quality
6. Aggregate Planning
 - Sales and manufacturing Forecasting
 - Main elements
 - Planning methods
 - Performance measurement
7. Agile and lean operations and JIT
 - JIT approach
 - Lean approach
 - Agility and flexibility

% end-of-term-examination: 60

% of continuous assessment (assignments, laboratory, practicals...): 40