

Academic Year: ( 2021 / 2022 )

Review date: 30-03-2020

Department assigned to the subject: Department of Business Administration

Coordinating teacher: ALVAREZ GIL, MARIA JOSEFA

Type: Electives ECTS Credits : 5.0

Year : 2 Semester : 1

## OBJECTIVES

A student who has followed this course should be able to:

- Identify and understand the objectives and strategies of the Directorate of Operations.
- Know and understand the main lines of research in Operations Management.
- Know and understand the main research techniques applied in Operations Management.
- Apply the acquired knowledge and techniques for solving problems related to production and logistics environments.
- Critically evaluate research on selected topics
- To integrate and develop advanced theoretical and empirical concepts
- Develop a research paper and present it publicly, in specialized forums and to students at different stages of their learning processes
- Identify niches not studied in the literature and construct theoretical frameworks that summarize the different theoretical perspectives
- Develop the ability to articulate a research plan based on analysis of current trends and controversies

## DESCRIPTION OF CONTENTS: PROGRAMME

Introduction to Operations Management. Objectives and strategies.

- Production and logistics for manufacturing and services models . Main characteristics and problems .
- Inter - relationships between the management of the supply chain and organizational stakeholders
- Quantitative and qualitative research techniques applied in Operations Management and Supply Chain ( supply chain ) .
- The Operations strategy of global corporations

## LEARNING ACTIVITIES AND METHODOLOGY

AF1. THEORETICAL-PRACTICAL CLASSES. They will present the knowledge that students should acquire. They will receive the class notes and will have basic texts of reference to facilitate the follow-up of the classes and the development of the subsequent work. Exercises, practical problems on the part of the student will be solved and workshops and evaluation tests will be carried out to acquire the necessary skills.

AF2. TUTORIES. Individualized assistance (individual tutorials) or group (collective tutorials) to students by the teacher.

AF3. INDIVIDUAL OR GROUP STUDENT WORK.

MD1 THEORY CLASS. Exhibitions in the teacher's class with support of computer and audiovisual media, in which the main concepts of the subject are developed and the materials and bibliography are provided to complement the students' learning.

MD2. PRACTICES. Resolution of practical cases, problems, etc. raised by the teacher individually or in groups.

MD3. TUTORIES. Individualized assistance (individual tutorials) or group (collective tutorials) to students by the teacher. For subjects of 6 credits, 4 hours will be dedicated with 100% of attendance.

## ASSESSMENT SYSTEM

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**% end-of-term-examination:** 50

**% of continuous assessment (assignments, laboratory, practicals...):** 50

**BASIC BIBLIOGRAPHY**

- Soltani Ebrahim, Pervaiz K. Ahmed , Ying Ying Liao , Paschal U. Anosike "Qualitative middle-range research in operations management: The need for theory-driven empirical inquiry", , International Journal of Operations & Production Management, Vol. 34 Iss: 8, pp.1003 ¿ 1027, , 2014
- Choi, T.-M., Cheng, T. C. E. and Zhao, X. t. Multi-Methodological Research in Operations Managemen, Prod Oper Manag, 25: 379¿389, (2016),
- Karlsson, Christer (ed) Research Methods for Operations Managemen, Taylor & Francis, ISBN: 1138945412, 9781138945418, 352 pgs, (2016) , 2da edición
- Roth, A., Singhal, J., Singhal, K. and Tang, C. S. Knowledge Creation and Dissemination in Operations and Supply Chain Management, Prod Oper Manag, 25, (2016)
- Sodhi, M. S., & Tang, C. S. Guiding the next generation of doctoral students in operations management. , International Journal of Production Economics, 150, 28-36., (2014)