

Academic Year: ( 2021 / 2022 )

Review date: 20-01-2021

Department assigned to the subject: Business Administration Department

Coordinating teacher: MONTES SANCHO, MARIA JOSE

Type: Electives ECTS Credits : 5.0

Year : 2 Semester : 2

**REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)****SUPPLY CHAIN MANAGEMENT****OBJECTIVES**

A student who has followed esta subject should be able to:

- To integrate and develop theoretical and empirical advanced concepts in Operations & Supply Chain domains.
- Identify and understand the new research trends of the Operations Management and Supply Chain Management fields.
- Know and understand the new applied research techniques in Operations Management and Supply Chain Management fields.
- Identify niches non-fully studied in the OM and SCM literature and to build theoretical frameworks by combining different theoretical perspectives.
- Critically evaluate papes in selected topics in OM & SCM

**DESCRIPTION OF CONTENTS: PROGRAMME**

This course will focus on the critical evaluation of the content and methodological debates in the new mission operations management and supply chain which affects four lines of research:

- o The digital economy : Internet of Things , Big Data and Smart Cities.
- o The corporate social responsibility
- o Circular economy
- o Collaborative Economy

**LEARNING ACTIVITIES AND METHODOLOGY**

After this course you should be able to:

1. Gain a advance understanding of the concepts related to supply chain management
2. Diagnose real-world problems in the field of supply chain management and operations as well as to identify which strategies can be employed.

**ASSESSMENT SYSTEM**

Exam (30%); Proyect (30%); Case studies (40%);

<b>% end-of-term-examination:</b>	30
<b>% of continuous assessment (assignments, laboratory, practicals...):</b>	70

**BASIC BIBLIOGRAPHY**

- " CONTENTS TO BE DETERMINED BY THE INSTRUCTOR AT THE BEGINNING OF THE COURSE BASED ON THE MOST CURRENT PAPERS IN THESE FIELDS AND THE FOLLOWED HANDBOOKS, ", .
- Gallaud, D., & Laperche, B. Circular economy, industrial ecology and short supply chain., John Wiley & Sons., 2016
- Sarkis, J. The handbook on the sustainable supply chain, Edward Elgar Publishing., 2019
- Ustundag, A., & Cevikcan, E. Industry 4.0: managing the digital transformation, Springer, 2017

