

Supply Chain Management



DEVELOPMENT OF A MASTER PROGRAMME IN THE MANAGEMENT OF INDUSTRIAL
ENTREPRENEURSHIP FOR TRANSITION COUNTRIES

610198-EPP-1-2019-1-ES-EPPKA2-CBHE-JP

Partners :



Co-funded by the
Erasmus+ Programme
of the European Union



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Supply Chain and Operations Management (SCOM)

Study program	Year	Semester

Course type:

University code

Lectures	Seminar	Tutorial	Laboratory work	Other work	Individ. work	ECTS
20	0	0	0	30	50	6

Lecturer

Languages English

PREREQUISITS ОБЯЗАТЕЛЬНЫЕ УСЛОВИЯ

CONTENTS СОДЕРЖАНИЕ

1. Introduction to Supply Chain and Operations Management – SCOM (definitions and principles)
2. Management of the flow of products and services
3. Sourcing strategies
4. Integration and coordination with suppliers
5. Elements and techniques of inventory and warehouse management



6. Storage facilities and their impact on the supply chain

READINGS

OBJECTIVES AND COMPETENCES

ЦЕЛИ И КОМПЕТЕНЦИИ

Objectives

The objectives of the course, in terms of content, are to familiarize participants with the most useful and generic concepts, techniques and procedures of Operations and Supply Chain Management.

Competences

Basic competences

- To enable students to understand the basic concepts of the supply chain and its main components.

Transversal competences

- To develop the ability to apply basic supply chain concepts in their daily lives to achieve better results.

Specific competences

- To understand how logistics plays an impactful role in company, people's daily lives and processes.
- To confront the participant with the typical problems of Operations and Supply Chain Management, making him/her the protagonist of the situation by having to diagnose the problems, discuss them with his/her colleagues and make decisions supporting and defining the appropriate action plans to attack the situation.

INTENDED LEARNING OUTCOMES

ОЖИДАЕМЫЕ РЕЗУЛЬТАТЫ ОБУЧЕНИЯ

To introduce to the students to the concepts related to Supply Chain and Operations Managements allowing an integrated view of procurement, operations and logistics systems.

Students who attend this course will be able to:

- To know and understand the most useful and generic concepts, techniques and procedures of the Supply Chain and Operations Management.
- To understand the role of supply chain management in business strategy
- To Identify ways to improve operational supply chain management practices
- To know methods for controlling the flow of information, materials and services

LEARNING AND TEACHING METHODS

МЕТОДЫ ОБУЧЕНИЯ И ПРЕПОДАВАНИЯ

The module is articulated in three main parts:

- Introduction to Supply Chain and Operations Management (SCOM)
- Sourcing strategies
- Inventory management and Internal logistics

Given the objectives of the course the methodology has to be active, therefore, real cases and practical experiences will be presented in which the application of SCOM is essential for the improvement on company activities.

The work is organized classical lectures, complemented by case analysis and short videos. As well as support for the preparation and presentation of an integrative project.

ASSESSMENT

ОЦЕНКА

Course requirements

- Class Participation (35%): active participation is expected, enriched by continuous debate. Each participant will be assessed on the development acquired in this course according to the quality and coherence of their participation.
- Group project and presentation (40%): a group project will be developed. The deliverable will be a 10 page report analysing a company's specific supply chain. Additionally, there will be a 15-20 minute presentation on the output of the group report.



- Final Exam (25%): a final exam will be administrated. It will cover material form the complete course.

LECTURER'S REFERENCES

Ivanov, Dmitry; Tsipoulanidis, Alexander; and Schönberger, Jörn. (2019). Global Supply Chain and Operations Management. <http://www.springer.com/series/10099>