



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Physical distribution logistics

Course

Field of study

Logistics

Area of study (specialization)

Logistics systems

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

1/2

Profile of study

general academic

Course offered in

English

Requirements

elective

Number of hours

Lecture

15

Tutorials

Laboratory classes

Projects/seminars

30

Other (e.g. online)

Number of credit points

5

Lecturers

Responsible for the course/lecturer:

Ph.D., D.Sc., Eng., Piotr Cyplik, University
Professor

Responsible for the course/lecturer:

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Faculty of Engineering Management

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Prerequisites



Student knows the basic division of logistics systems. Student is able to organize the process of renewing stock. Student can use the basic measures of customer service.

Course objective

The course aims to familiarize students with the theory of distribution channels, the analysis of structures and strategies on trade, defining nature of effective customer service. Students should acquire skills for the application logic of distribution channels in business operations..

Course-related learning outcomes

Knowledge

1. Student is able to define the essential elements of distribution logistics [P7S_WG_03][P7S_WG_08].
2. Student is able to identify and formulate the basic relations between production, inventory, warehousing and transportation in the context of distribution logistics [P7S_WG_02][P7S_WK_04].
3. Student knows the historical development of distribution logistics and contemporary trends and tools in this area [P7S_WG_05] [P7S_WK_01].

Skills

1. Student can design a process to analyze the efficiency of distribution logistics [P7S_UU_01].
2. Student is able to define the distribution problems as the essential elements of the logistics process [P7S_UW_04].
3. Student is able to using a spreadsheet to design simple algorithms necessary for the distribution [P7S_UK_01].

Social competences

1. The student is prepared to help and cooperate in the project group [P7S_KR_01].
2. Student is responsible for the identification and resolution of the dilemmas of distribution process [P7S_KR_01].
3. The student is determined to think in an entrepreneurial way of distribution logistics [P7S_KR_01].

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

For the project: on the basis of (1) the quality of the project (2) answers to questions about the project.

For the lecture: on the basis of colloquium - a written work or an oral answer on the issues discussed during the lecture. The process to pass lecture is regardless of obtaining the marks from the project and laboratory. The lecture part is passed, after giving the correct answers to most questions.

Programme content

The subject matter of the subject includes the following issues: the nature and structure of distribution channels, wholesale and retail, price formation in distribution channels, logistics management in the processes of distribution of goods, design of distribution channels, cooperation and conflicts in



distribution channels, the latest methods used in distribution management. As part of the course, the student will make managerial decisions based on case studies.

Teaching methods

Didactic methods

In lectures: conversational lecture, information lecture

In project: computer simulation method, project method

In the field of self-employment: working with a book and internet

Bibliography

Basic

1. Rahul Gupta Choudhury, (2019), Sales and Distribution Management for Organizational Growth (Advances in Logistics, Operations, and Management Science) 1st Edition, IGI Global

2. Alan Rushton, Phil Croucher, Peter Baker, (2017), Handbook of Logistics and Distribution Management, Kogan Page

Additional

1. Martin Christopher, (2016), Logistics & Supply Chain Management, Pearson Education Limited, Harlow, United Kingdom

Breakdown of average student's workload

	Hours	ECTS
Total workload	125	5,0
Classes requiring direct contact with the teacher	45	2,0
Student's own work (literature studies, preparation for colloquium, project preparation) ¹	80	3,0

¹ delete or add other activities as appropriate