



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Logistics in enterprise

Course

Field of study

Management and Production Engineering

Area of study (specialization)

Level of study

First-cycle studies

Form of study

part-time

Year/Semester

2/4

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

Number of hours

Lecture

20

Laboratory classes

10

Other (e.g. online)

Tutorials

Projects/seminars

Number of credit points

4

Lecturers

Responsible for the course/lecturer:

PhD. Eng. Krzysztof Grzeskowiak

Responsible for the course/lecturer:

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Prerequisites

Basics of management, economy, manufacturing processes; logical thinking, using information obtained from the library and the Internet; understanding the need to learn and acquire new knowledge.

Course objective

Getting to know basic knowledge in the field of logistics, the impact of logistics on the company.

Course-related learning outcomes

Knowledge

1. The student is able to characterize logistic processes and systems
2. The student is able to describe the meaning of logistics processes in various types of enterprises



3. The student is able to characterize the features of the logistics supply chain

Skills

1. The student is able to identify the impact of logistic activities on the functioning of enterprises
2. The student is able to assess the functioning of logistics in a selected enterprise
3. Student can make analyzes of logistic support company decisions

Social competences

1. The student is able to think and act in an entrepreneurial manner
2. The student is aware of the role of logistics in a manufacturing company, is able to express opinions on logistics
3. The student is ready to cooperate with specialists in various fields

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lecture:

Written test carried (in case of a credit min. 50.1% correct). Up to 50.0% - unsatisfactory (2.0) = F, from 50.1% to 60.0% - Satisfactory (3.0) = E, from 60.1% to 70.0% - Satisfactory plus (3,5) = D, from 70.1 to 80 - Good (4.0) = C, from 80.1% to 90.0% - Good plus (4,5) = B, from 90.1% - Very good (5,0) = A.

Tutorials:

Class attendance and written test (in case of a credit min. 50.1% correct). Up to 50.0% - unsatisfactory (2.0) = F, from 50.1% to 60.0% - Satisfactory (3.0) = E, from 60.1% to 70.0% - Satisfactory plus (3,5) = D, from 70.1 to 80 - Good (4.0) = C, from 80.1% to 90.0% - Good plus (4,5) = B, from 90.1% - Very good (5,0) = A.

Programme content

Lecture:

Logistics definition. Importance and tasks of logistics. Logistic processes. Order handling in manufacturing and trading companies. Inventory management (methods and inventory management systems). Warehouse - types and location of warehouses, basics of warehouse management - allocation of stocks in the warehouse. Packaging - packaging functions, packaging module and its importance in the design process. External transport - characteristics of transport, combined transport. Definition of freight forwarder and carrier. Basics of internal transport (classification). The essence of the system approach in logistics. Logistic chain (splitting the logistic chain, the process of creating value in the logistic chain). Logistic system and its subsystems. Supply logistics. Production logistics. Distribution logistics. The effectiveness of logistics processes and its measurement.

Tutorials:



Performing calculations and analyzes presenting selected aspects of logistics activities supporting decision-making regarding the enterprise (order handling, inventory management, warehouse, packaging, transport).

Teaching methods

Lecture with the use of multimedia presentations. Tutorials: problem solving, practical exercises, discussion, workshops, integration games, case studies.

Bibliography

Basic

1. Pfohl H-Ch., Systemy logistyczne. Podstawy organizacji i zarządzania, Wyd. Instytut Logistyki i Magazynowania, Poznań, 2001
2. Zarządzanie logistyczne, Coyle J. i inni, Wyd. Polskie Wydawnictwo Ekonomiczne, Warszawa, 2002
3. Twaróg J., Mierniki i wskaźniki logistyczne, Wyd. Instytut Logistyki i Magazynowania, Poznań, 2003

Additional

1. Skowronek C., Sarjusz-Wolski Z., Logistyka w przedsiębiorstwie, PWE, Warszawa, 1999
2. Sarjusz-Wolski Z., Skowronek C., Logistyka - poradnik praktyczny, CIM, Warszawa, 2000
3. Fertsch M., Logistyka produkcji, Wyd. Instytut Logistyki i Magazynowania, Poznań, 2003
4. Krzyżaniak S., Podstawy zarządzania zapasami w przykładach, Wyd. Instytut Logistyki i Magazynowania, Poznań, 2002

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,0
Classes requiring direct contact with the teacher	35	2,0
Student's own work (literature studies, preparation for laboratory classes, preparation for tests, preparation of reports from laboratories) ¹	65	2,0

¹ delete or add other activities as appropriate