



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Logistics in company [S1ZiIP1>LwP]

Course

Field of study

Management and Production Engineering

Year/Semester

2/4

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

full-time

Requirements

compulsory

Number of hours

Lecture

30

Laboratory classes

0

Other (e.g. online)

0

Tutorials

15

Projects/seminars

0

Number of credit points

4,00

Coordinators

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Lecturers

Prerequisites

Knowledge: basic knowledge of company structure, organization of production processes and production company management Skills: logical thinking, using information obtained from literature and the Internet, as well as from manufacturing companies Social competences: understanding the need for learning and acquiring new knowledge

Course objective

Understanding the basic issues of the basics of logistics and enterprise logistics

Course-related learning outcomes

Knowledge:

The student should characterize the genesis and essence of logistics

The student should characterize the concepts of: logistics system, logistics supply chain, logistics processes

The student should characterize the enterprise logistics and enterprise logistics system

The student knows the essence of supply logistics, production logistics and distribution logistics

Student is able to characterize the essence of inventory and management models

The student is able to characterize the company's logistics infrastructure and packaging issues
The student is able to present the main issues regarding re-logistics and logistics costs

Skills:

The student is able to identify the impact of logistics activities on the functioning of the company
The student is able to assess the functioning of logistics in a selected enterprise
The student is able to design the path of order fulfillment in a production company
The student is able to make logistic analyzes supporting decision making regarding the enterprise

Social competences:

The student can work in a group
The student is aware of the role of logistics in modern economy, enterprise and for society
Understands the need for lifelong learning; can inspire and organize the learning process of others

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

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Lecture:

Formative rating: not anticipated

Summative assessment: Assessment based on a written test consisting of 4 questions evaluated on a scale of 0 to 1. Assessment after obtaining a minimum of 2.6 points.

Lab:

Credit based on the case study

Programme content

Lecture: The origin and essence of logistics. Logistic system and its subsystems. Logistic supply chain. Enterprise logistics. Stocks in logistics processes and their management. Warehouse infrastructure. Transport infrastructure. Packaging in logistics processes. Recycling logistics.
Laboratory: A case study on the logistic aspects of order fulfillment in an enterprise.

Course topics

Lecture: The origin and essence of logistics. Basic definitions. Logistic system and its subsystems. Logistic supply chain. Enterprise logistics. Supply logistics. Production logistics. Distribution logistics. Stocks in logistics processes and their management. Logistic enterprise model. Technical logistics infrastructure of the enterprise. Warehouse infrastructure. Transport infrastructure. Packaging in logistics processes. Recycling logistics. The costs of logistics processes.
Laboratory: A case study on the logistic aspects of order fulfillment in an enterprise producing a specific product from the machinery industry (way of order fulfillment in an enterprise) - presentation by the teacher and development by students

Teaching methods

Multimedia presentation with commentary, illustrated with examples on the board and short films.
Presentation of the methodology of the processed case study.

Bibliography

Basic

[1] Pfohl H. Ch., Systemy logistyczne. Podstawy organizacji i zarządzania, Wyd. Instytut Logistyki i Magazynowania, Poznań 2001

[2] Ficoń Krzysztof, Zarys mikrologistyki – Bel Studio – Warszawa 2004

[3] Michłowicz Edward, Podstawy logistyki przemysłowej – AGH – Uczelniane Wydawnictwa Naukowo-Dydaktyczne – Kraków 2002

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] Sarjusz-Wolski Zdzisław, Sterowanie zapasami w przedsiębiorstwie – PWE – Warszawa 2000

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,00
Classes requiring direct contact with the teacher	65	3,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	35	1,00