COURSE DESCRIPTION CARD - SYLLABUS

Course name
Enterprise logistics [N1ZiIP2>LoP]

Course

Field of study
Management and Production Engineering

Year/Semester
3/6

Area of study (specialization)
–

Profile of study
general academic

Level of study
first-cycle

Course offered in
Polish

Form of study
part-time

Requirements
compulsory

Number of hours

Lecture
16

Laboratory classes
0

Other
0

Tutorials
8

Projects/seminars
0

Number of credit points

3,00

Coordinators

Lecturers

Prerequisites

Basic knowledge of management, economics, production processes; logical thinking, using information obtained from the library and the Internet; understanding the need to learn and acquire new knowledge.

Course objective

Acquiring basic knowledge in the field of logistics and the impact of logistics on enterprises.

Course-related learning outcomes

Knowledge:
1. The student is able to characterize logistics processes and systems
2. The student is able to describe logistics processes in a manufacturing enterprise
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 logistics activities on the functioning of the enterprise
2. The student is able to assess the functioning of logistics in a selected enterprise
3. The student is able to perform logistics analyses supporting decision-making regarding the enterprise

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 enterprise, is able to express opinions on logistics
3. The student is ready to cooperate with specialists from various fields

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Lecture:
Written assessment. A positive assessment if at least 50% of correct answers are obtained. Assignment of grades to percentage ranges of results: <90-100> very good; <80-90) good plus; <70-80) good; <60-70) satisfactory plus; <50-60) satisfactory; <0-50) unsatisfactory.
Tutorials:
Attendance at classes and a written exam conducted at the end of the semester (passing is granted if at least 50.0% of correct answers are obtained). Assignment of grades to percentage ranges of results: <90-100> very good; <80-90) good plus; <70-80) good; <60-70) satisfactory plus; <50-60) satisfactory; <0-50) unsatisfactory.

Programme content

The importance of logistics for various types of enterprises. Characteristics of logistics processes and systems in the enterprise. Logistics supply chain. Efficiency of logistics processes. Logistics analyses.

Course topics

Lecture:
Definition of logistics. Importance and tasks of logistics. Logistics processes. Order handling in manufacturing and trade enterprises. Inventory management (methods and systems of inventory management). Warehouse - types and location of warehouses, warehouse management basics - inventory allocation in the warehouse. Packaging - packaging functions, packaging module and its importance in the design process. Long-distance transport - characteristics of transport modes, combined transport. Definition of a freight forwarder and carrier. Basics of short-distance transport (classification). The essence of the system approach in logistics. Logistics chain (division of the logistics chain, value creation process in the logistics chain). Logistics system and its subsystems. Efficiency of logistics processes and its measurement.
Tutorials:
Performing calculations and analyses presenting selected aspects of logistics activities supporting decision-making concerning the enterprise (order handling, inventory management, warehouse, packaging, transport).

Teaching methods

Lecture: multimedia presentation.
Turtorials: solving tasks, 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	75	3,00
Classes requiring direct contact with the teacher	26	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	49	2,00