



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Logistics management

Course

Field of study

Logistics

Area of study (specialization)

Corporate Logistics

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

1/2

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

Number of hours

Lecture

30

Tutorials

15

Laboratory classes

Projects/seminars

15

Other (e.g. online)

Number of credit points

4

Lecturers

Responsible for the course/lecturer:

prof. dr hab. inż. Marek Fertsch

e-mail: marek.fertsch@put.poznan.pl

tel. 48 61 665 3416

Wydział Inżynierii Zarządzania

ul. Jacka Rychlewskiego 2.

60-965 Poznań

Responsible for the course/lecturer:

Prerequisites



The student has the knowledge of logistics, operational logistics management. He should also be able to obtain information from specified sources and be willing to cooperate as part of a team.

Course objective

Objective of the course: Mastering the student's knowledge, skills and social competences related to logistics management.

Course-related learning outcomes

Knowledge

1. knows extended management issues specific to logistics and supply chain management [P7S_WG_08]
2. knows the detailed methods, tools and techniques characteristic of the studied subject in logistics [P7S_WK_01]
3. knows the conditions for the functioning of companies as participants in logistics processes and strategies for their functioning [P7S_WK_02]
4. knows the best practices in logistics and its specific issues [P7S_WK_04]

Skills

1. is able to gather based on the literature on the subject and other sources (in Polish and English) and in an orderly manner present information on a problem within logistics and its specific issues and supply chain management [P7S_UW_01]
2. is able to communicate using properly selected means in a professional environment and in other environments within logistics and its specific issues, and supply chain management [P7S_UW_02]
3. is able to make a critical analysis of technical solutions used in the analyzed logistics system (in particular in relation to devices, objects and processes) [P7S_UW_04]
4. is able to assess the usefulness and possibility of using new achievements (techniques and technologies) in logistics and functionally related areas [P7S_UW_06]
5. can prepare in Polish and English at B2 level of the European Language Training Description System well documented development of logistics problems [P7S_UK_02]

Social competences

1. correctly identifies and resolves dilemmas related to exercising the profession of logistics manager, observing the principles of professional ethics and respecting the diversity of views and cultures [P7S_KK_02]
2. is able to plan and manage creative business ventures [P7S_KO_01]
3. is aware of the responsibility for own work and willingness to comply with the principles of teamwork and taking responsibility for jointly implemented tasks [P7S_KR_01]



Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

assessment based on a team-developed project,

assessment based on individual exercise results

grade based on written credit (exam)

Programme content

Logistics strategies: Classic strategy, MRP, MRP II, DRP, DRPII, JiT, QR, ECR, supply chain, lean and agile logistics, Logistics organization in the enterprise: Place of the organizational unit logistics according to functional orientation, Place of the organizational unit logistics according to process orientation

Teaching methods

1. Lecture: multimedia presentation, illustrated with examples on the board.
2. Projects and exercises: multimedia presentation illustrated with examples given on a blackboard and performance of tasks given by the teacher.

Bibliography

Basic

1. Fertsch M., Zarządzanie logistyką, Wydawnictwo Politechniki Poznańskiej, Poznań, 2012
2. Fertsch M., Struktury organizacyjne dla potrzeb logistyki [w:] Kisperska –Moroń D., Krzyżaniak St. (red.), Logistyka, Wydawnictwo Instytutu Logistyki i Magazynowania, Poznań, 2009.
3. Dębińska – Cyran I. (red.), Zarządzanie logistyką w warunkach polskich, Difin, Warszawa 2004.
4. Coyle J.J., Bardi E.j. LAnglely Jr C.J., Zarządzanie logistyczne, Państwowe wydawnictwo Ekonomiczne, Warszawa, 2002

Additional

1. Beyer F., Rutkowski H., Logistyka, , SGH, Warszawa , 1994
2. Pfohl H.-Ch., Zarządzanie logistyką, ILiM, Poznań, 1998



Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,0
Classes requiring direct contact with the teacher	60	2,5
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) ¹	40	1,5

¹ delete or add other activities as appropriate