

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Logistics Management		Code 1011102421011110554
Field of study Logistics - Full-time studies - Second-cycle	Profile of study (general academic, practical) general academic	Year /Semester 1 / 2
Elective path/specialty Corporate Logistics	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: 30 Classes: 15 Laboratory: - Project/seminars: 15		No. of credits 4
Status of the course in the study program (Basic, major, other) other		(university-wide, from another field) university-wide
Education areas and fields of science and art technical sciences Technical sciences		ECTS distribution (number and %) 4 100% 4 100%
Responsible for subject / lecturer: dr hab. inż. Marek Fertsch, prof. nadzw. email: marek.fertsch@put.poznan.pl tel. 616653416 Wydział Inżynierii Zarządzania ul. Strzelecka 11, 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	The student has knowledge of the subject logistics, operational logistics management.
2	Skills	The student has the skills in the subject of logistics, operational logistics management.
3	Social competencies	The student has social competences in the field of logistics, operational logistics management.
Assumptions and objectives of the course: Mastering the knowledge, skills and social competences related to logistics management by the student.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. Has in-depth knowledge of management and its links with the logistics direction - [K2A_W03] 2. Knows the strategic, tactical and operational dimension of logistics management - [K2A_W07] 3. Knows the basic concepts and methods of logistics management - [K2A_W08] 4. Knows the basic characteristic concepts in the logistics management - [K2A_W09] 5. Can explain in detail the methods, tools and techniques characteristic of logistics management - [K2A_W13] 6. Can characterize best practices for logistics management - [K2A_W18]		
Skills:		
1. Can communicate with properly selected resources in a professional environment and in other environments in the field of logistics management - [K2A_U02] 2. He is able to prepare and present verbally in Polish a discussion of the problem within the framework of logistics management - [K2A_U04] 3. He is able to implement the self-education process as part of logistics management - [K2A_U05] 4. Can formulate and check hypotheses in relation to issues in the field of logistics management - [K2A_U11] 5. Can assess the usefulness and the possibility of using new achievements (techniques and technologies) in the field of logistics management and functionally related areas - [K2A_U12] 6. He is able to evaluate in economic terms the selected problem within logistics management - [K2A_U14]		

Social competencies:
1. He is sensitive to non-technical aspects and effects of engineering activities, including its impact on the environment, and the related responsibility for making managerial decisions - [K2A_K02]
2. He is aware of the responsibility for his own work and readiness to submit to the principles of working in a team and taking responsibility for the tasks carried out jointly - [K2A_K03]

Assessment methods of study outcomes
Formative assessment: a) In the scope of the project: on the basis of progress in the implementation of the project stages, and knowledge of issues necessary for its implementation b) in the field of exercises: based on the assessment of the current progress of tasks c) in the field of lecture: based on answers to questions about issues discussed on previous lectures Summary rating: a) In the scope of the project: on the basis of (1) substantive quality of the implemented project (2) defense of the project b) In the field of exercises based on the assessment of tasks c) in the field of lecture: on the basis of colloquium - written work on issues discussed during the lecture. You can take the exam after obtaining grades from the project. The exam is passed after substantively correct answers to most of the issues raised.

Course description
Logistics strategies: Classical strategy, MRP, MRP II, DRP, DRPII, JiT, QR, ECR, supply chain, slim and agile logistics, Organization of logistics in the enterprise: Place of organizational unit logistics by functional orientation, Place of organizational unit logistics by process orientation Teaching methods: lecture: conventional specialist lecture, exercises: exercise method, case method, work with literature, project: team project, work with literature.

Basic bibliography:
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. LAnglej Jr C.J., Zarządzanie logistyczne, Państwowe wydawnictwo Ekonomiczne, Warszawa, 2002

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

Result of average student's workload	
Activity	Time (working hours)
1. Lectures	30
2. Exercise	15
3. Preparation for exercise	10
4. Project	15
5. Preparation for project	20
6. Consultations	20

Student's workload		
Source of workload	hours	ECTS
Total workload	110	4
Contact hours	60	2
Practical activities	50	2