

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Logistics Management		Code 1011102321011110554
Field of study Logistics - Full-time studies - Second-cycle	Profile of study (general academic, practical) (brak)	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) (brak)		(university-wide, from another field) (brak)
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 Production Management
2	Skills	The student has the skills of the subject Production Management
3	Social competencies	The student has social competence in the subject Production Management
Assumptions and objectives of the course: Mastery of the student's knowledge, skills and social competence of managing logistics		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. He has in-depth knowledge of management and its linkages with the direction of logistics - [K2A_W03]		
2. He knows the strategic, tactical and operational logistics management dimension - [K2A_W07]		
3. He knows the basic concepts and methods of material flow management - [K2A_W08]		
4. He knows the basic concepts characteristic within the subject being studied for the logistics - [K2A_W09]		
5. He can explain in detail the methods, tools and techniques specific to the subject being studied for the logistics - [K2A_W13]		
6. He can characterize best practices for a given subject related to logistics - [K2A_W18]		
Skills:		
1. can communicate using appropriate personal in a professional environment as well as in other environments, in terms of subject being studied - [K2A_U02]		
2. can prepare a and present orally in Polish or foreign discuss the problem located within the subject being studied - [K2A_U04]		
3. can within the subject being studied into practice learning process - [K2A_U05]		
4. is able to formulate and test hypotheses regarding the issues related to the design of logistics systems - [K2A_U11]		
5. can assess the usefulness and possibility to use new achievements (techniques and technologies), in terms of logistics and functionally connected areas - [K2A_U12]		
6. able to assess in economic terms selected, housed within the subject being studied issue - [K2A_U14]		

Social competencies:
1. It is sensitive to the effects of non-technical aspects and engineering activities, including its impact on the environment, and the related responsibility for managerial decisions - [K2A_K02]
2. He is aware of the responsibility for own work and willingness to comply with the principles of teamwork and joint accountability for the implementation of tasks - [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, WPP, 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. LAngley 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 to exam	20
6. Consultations	20

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