

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Warehouses Design		Code 1011102331011115177
Field of study Management - Full-time studies - Second-cycle	Profile of study (general academic, practical) (brak)	Year /Semester 2 / 3
Elective path/specialty Production and Operations Management	Subject offered in: Polish	Course (compulsory, elective) elective
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: 15 Classes: - Laboratory: - Project/seminars: 15		No. of credits 3
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 social sciences Economics		ECTS distribution (number and %) 3 100% 3 100%
Responsible for subject / lecturer: dr inż. Piotr Lubiński email: piotr.lubinski@put.poznan.pl tel. 061 665 34 01 Wydział Inżynierii Zarządzania ul. Strzelecka 11, 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Acquaintance of bases of the logistics
2	Skills	The student is able to organize the process of restocking. The student is able to use basic measurers of the level of the customer service.
3	Social competencies	The student is showing willingness to cooperate in the group.
Assumptions and objectives of the course: Presenting the essence and principles of the warehouse policy. Giving student basic solutions used in the warehouse economy		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. The student has basic knowledge on the life cycle of industrial products - [K2A_W05] 2. The student has basic knowledge on management, including quality management and running a business - [K2A_W08, K2A_W09, K2A_W04]		
Skills:		
1. The student is able to use the obtained theoretical knowledge for describing and analyzing causes and results of course of processes and social and technical phenomena, he is able to formulate own opinions and choose critical data and methods - [K2A_U02] 2. The student is able to interpret and explain correctly technical, political, legal, economical phenomena, as well as mutual relations between these phenomena - [K2A_U03] 3. The student is aware that the process of creating products that would fulfill needs of their users, requires a system approach, with reference to technical, economical, marketing, legal, organizational and financial aspects - [K2A_U06]		
Social competencies:		
1. Student is aware of the interdisciplinary character of the knowledge from the range of environmental protection engineering; he has the skill to solve composite environmental problems of the organization and forms interdisciplinary teams - [K2A_K06] 2. Student can notice causally consecutive relations in the realization of established purposes and set the ranking of importance of alternative or competitive tasks - [K2A_K02, K2A_K03]		

Assessment methods of study outcomes		
Forming assessment: a) classes: current assessment of activity during classes, b) lectures: responses to questions concerning topics from former lectures. Final assessment: a) classes: average grade resulting from partial evaluations obtained during the semester. Positive assessment requires at least the grade 3.0 b) lectures: written colloquium		
Course description		
The course of lectures starts with the description of the process of storing and operation consisting in it. Next, further operations, like accepting, temporary storage, transferring in the course of the storage, completing, inventorying, controlling and consigning goods in the process of storing are being discussed. Students can see the documentation connected with the practical realization of each of these operations. The technology and an organization of stock are discussed. Possibilities of the information support for warehouse management are presented. During classes students get acquaint with particular activities in the process of storing ? in various options of organization.		
Basic bibliography:		
1. Gubała M., Popielas J. Podstawy zarządzania magazynem w przykładach ILiM Poznań 2002 2. Korzeniowski A. (red.) Zarządzanie gospodarką magazynową PWE Warszawa 1997 3. Korzeń Z ILogistyczne systemy transportu bliskiego i magazynowania, t.1 i 2 Biblioteka logistyka ILiM Poznań 1998		
Additional bibliography:		
1. Korzeń Z ILogistyczne systemy transportu bliskiego i magazynowania, t.1 i 2 Biblioteka logistyka ILiM Poznań 1998		
Result of average student's workload		
Activity	Time (working hours)	
1. Lecture	15	
2. Project	15	
3. Consultations	10	
4. Student's open learning	25	
5. Preparation for the exam	10	
6. Exam	2	
Student's workload		
Source of workload	hours	ECTS
Total workload	77	3
Contact hours	42	1
Practical activities	15	0