

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>Logistics</b>		Code <b>1011101141011110434</b>
Field of study <b>Engineering Management - Full-time studies -</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>2 / 4</b>
Elective path/specialty <b>-</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>elective</b>
Cycle of study: <b>First-cycle studies</b>	Form of study (full-time, part-time) <b>full-time</b>	
No. of hours Lecture: <b>15</b> Classes: <b>15</b> Laboratory: <b>-</b> Project/seminars: <b>-</b>		No. of credits <b>4</b>
Status of the course in the study program (Basic, major, other) <b>(brak)</b>		(university-wide, from another field) <b>(brak)</b>
Education areas and fields of science and art		ECTS distribution (number and %)
<b>Responsible for subject / lecturer:</b> dr hab.inż. Marek Fertsch, prof. nadzw. email: email: -Marek.Fertsch@put.poznan.pl tel. tel. (61) 061 665 3413 Wydział Wydział Inżynierii Zarządzania ul. Strzelecka 11 60-965 Poznań		<b>Responsible for subject / lecturer:</b> dr inż. Agnieszka Stachowiak email: agnieszka.stachowiak@put.poznan.pl tel. 061 665 3401 Wydział Wydział Inżynierii Zarządzania ul. Strzelecka 11 60-965 Poznań
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	-Basic knowledge on economy and markets functioning, as well as production management
2	<b>Skills</b>	Ability to analyze and identify situation
3	<b>Social competencies</b>	Responsibility for tasks completed
<b>Assumptions and objectives of the course:</b> Providing students with basic knowledge on logistics		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
1. Has basic knowledge on machines lifecycle - [K01-InzA_W01]		
2. Knows basic methods, techniques, tools and materials applied for solving simple engineering tasks within subject of studies area - [K04-InzA_W02]		
3. Has knowledge on organizational - [K1A_W16]		
4. Correctly analyzes suggested solutions of predefined management problems and suggest corresponding - [K1A_U07]		
<b>Skills:</b>		
1. Is able to identify project tasks and solve simple assignments concerning logistics - [K01-InzA_U6]		
<b>Social competencies:</b>		
1. Is aware of responsibility of own work and ready to obey the principles of team work and take responsibility for tasks performer by teams - [K1A_K02]		
2. sees cause-effect relations in realization of predetermined goals and range the importance of alternative or competitive tasks - [K1A_K03]		
3. Is able to contribute to social projects with respect to legal, economic and organizational aspects - [K1A_K05]		
<b>Assessment methods of study outcomes</b>		
Written exam		

<b>Course description</b>		
The following issues are considered: basic terms, logistics system and its subsystems, stock management, material flow management, distribution, transport, warehousing, IT support		
<b>Basic bibliography:</b>		
1. Podstawy logistyki, Abt S., Woźniak H., Gdańsk, 1993		
2. Integral Logistic Structures, Argelo S.M., Mc Graw - Hill Company, New York, 1992		
3. Systemy logistyczne, Pfohl H.-Ch., ILiM, Poznań, 1998		
4. Logistyka w przedsiębiorstwie, Skowronek Cz., PWN, 1995		
<b>Additional bibliography:</b>		
<b>Result of average student's workload</b>		
<b>Activity</b>	<b>Time (working hours)</b>	
<b>Student's workload</b>		
<b>Source of workload</b>	<b>hours</b>	<b>ECTS</b>
Total workload	100	4
Contact hours	52	2
Practical activities	15	0