

FACULTY OF COMPUTER SCIENCE AND MANAGEMENT**SUBJECT CARD****Name in Polish Instrumenty Zarządzania Logistycznego****Name in English Logistics Management Tools****Main field of study (if applicable): Management****Specialization (if applicable): Business Information Systems****Level and form of studies: 2nd level, full-time****Kind of subject: obligatory****Subject code ZMZ1402****Group of courses NO**

	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU)	15				
Number of hours of total student workload (CNPS)	60				
Form of crediting	crediting with grade				
For group of courses mark (X) final course					
Number of ECTS points	2				
including number of ECTS points for practical (P) classes					
including number of ECTS points for direct teacher-student contact (BK) classes	0,5				

PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES

1. Basic knowledge of management.

SUBJECT OBJECTIVES

C1 Getting by the student awareness of the instruments for analyzing and solving problems in logistics,

C2 Gaining by the student knowledge of the systems supporting logistics management,

C3 Ability of analysis, measurement and monitoring of supply chain.

SUBJECT EDUCATIONAL EFFECTS

relating to knowledge:

PEK_W01 has knowledge of: the instruments of flows and inventory control in the enterprise and supply networks, analytical and decision-making instruments used in logistics management,

PEK_W02 is aware of the importance of IT systems in logistics management.

relating to skills:

PEK_U01 has the ability to identify the factors influencing the supply chain,

PEK_U02 has the ability to perform analyzes of the solutions used in the supply chain.

relating to social competences:

PEK_K01 properly identify and resolve dilemmas related to the logistics profession.

Form of classes - lecture		Number of hours
Lec 1	Basic definitions in the field of logistics management.	2
Lec 2	Methods of flows control in enterprises (like: Just-in-Time, Kanban, methods of inventory control).	2
Lec 3	Systems supporting logistics management (from IC to MRP II, ERP, SCM).	2
Lec 4	Analytical instruments used in logistics management I (Diagnostic, planning and seek solutions Instruments, including for example: process mapping, matrix of supply chain reaction, Gantt chart/time lines, the analysis of the business continuity planning)	4
Lec 5	Analytical instruments used in logistics management II (Design, monitoring and improving the process Instruments, including inter alia: value stream analysis, Pareto /ABC Analysis)	4
Lec 6	Test	1
	Total hours	15
Form of classes - class		Number of hours
Cl 1		
Cl 2		
Cl 3		
	Total hours	
Form of classes - laboratory		Number of hours
Lab 1		
Lab 2		
Lab 3		
	Total hours	
Form of classes - project		Number of hours
Proj 1		
Proj 2		
Proj 3		
	Total hours	
Form of classes - seminar		Number of hours
Sem 1		
Sem 2		
Sem 3		
	Total hours	
TEACHING TOOLS USED		
N1. informative lecture		
N2. multimedia presentation		
N3. case studies		

EVALUATION OF SUBJECT EDUCATIONAL EFFECTS ACHIEVEMENT

Evaluation (F – forming	Educational effect	Way of evaluating educational effect achievement
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(during semester), P – concluding (at semester end)	number	
P	PEK_W01 PEK_W02 PEK_U01 PEK_U02	test
P=1		
PRIMARY AND SECONDARY LITERATURE		
<u>PRIMARY LITERATURE:</u>		
<p>[1] Ciesielski M. (red.), Instrumenty zarządzania logistycznego, PWE, Warszawa 2006</p> <p>[2] Quayle M., Jones B., Logistics: an Integrated Approach, Liverpool Business Publishing, 2002</p> <p>[3] Grzybowska K., Golińska P. (eds.), Selected logistics problems and solutions: monograph, Publishing House of Poznan University of Technology, 2011</p> <p>[4] Fertsch M., Grzybowska K. (eds.), Logistics in the enterprises - selected aspects: monograph, Publishing House of Poznan University of Technology, 2010</p>		
<u>SECONDARY LITERATURE:</u>		
<p>[1] Coyle J.J., Bardi E. J., Langley C.J.,(red.) Danuta Kempny, Zarządzanie logistyczne, Warszawa, Polskie Wydawnictwo Ekonomiczne, 2010</p>		
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**MATRIX OF CORRELATION BETWEEN EDUCATIONAL EFFECTS FOR SUBJECT
Logistics Management Tools
AND EDUCATIONAL EFFECTS FOR MAIN FIELD OF STUDY Management
AND SPECIALIZATION Business Information Systems**

Subject educational effect	Correlation between subject educational effect and educational effects defined for main field of study and specialization (if applicable)**	Subject objectives***	Programme content***	Teaching tool number***
PEK_W01 (knowledge)	K2_ZARZ_W08 S2_BIS_W01	C1, C3	Lec1, Lec2, Lec4, Lec5	N1, N2, N3
PEK_W02	K2_ZARZ_W14 S2_BIS_W03	C2, C3	Lec1, Lec2	N1, N2, N3
PEK_U01 (skills)	K2_ZARZ_U02	C1, C2, C3	Lec1, Lec2, Lec3, Lec4, Lec5	N1, N2, N3
PEK_U02	K2_ZARZ_U04 S2_BIS_U02	C1, C2, C3	Lec1, Lec2, Lec3, Lec4, Lec5	N1, N2, N3
PEK_K01 (competences)	K2_ZARZ_K07	C1, C2, C3	Lec1, Lec2, Lec3, Lec4, Lec5	N1, N2, N3