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STUDY MODULE DESCRIPTION FORM						
		ode 011104371011110723				
Field of study	Profile of study (general academic, practical)	Year /Semester				
Logistics - Part-time studies - First-cycle	general academic	4/7				
Elective path/specialty	Subject offered in:	Course (compulsory, elective)				
-	Polish	obligatory				
Cycle of study:	Form of study (full-time,part-time)					
First-cycle studies	part-time					
No. of hours		No. of credits				
Lecture: - Classes: - Laboratory: -	Project/seminars: 1	4 2				
Status of the course in the study program (Basic, major, other) (university-wide, from another field)						
other	sity-wide					
Education areas and fields of science and art		ECTS distribution (number and %)				
technical sciences	2 100%					
Technical sciences		2 100%				

Responsible for subject / lecturer:

dr hab. inż. Łukasz Hadaś email: lukasz.hadas@put.poznan.pl tel. 616653401 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 subjects covered by the education standards at the 1st level studies in the field of Logistics			
2	Skills	is able to search, collate and present information about the problem being solved, present the results obtained, compile sources			
3	Social competencies	is aware of the need to explain symbols and professional concepts, cares for good communication and being understandable			

Assumptions and objectives of the course:

- presentation of the principles of writing engineering work according to faculty guidelines,
- preparation for presenting the work during the diploma exam.

Study outcomes and reference to the educational results for a field of study

Knowledge:

1. Student is able to explain the basic concepts for logistics and supply chain management appropriate for the content covered in the diploma thesis - [K1A_W15]

Skills:

- 1. The student is able to search based on the literature of the subject and other sources and in an orderly manner to present information on the problem within the framework of the issues covered in the thesis [K1A_U01]
- 2. The student is able to present, using appropriately selected means, a problem within the scope of the subject taken in the diploma thesis [K1A_U02]
- 3. The student can prepare and present an oral presentation on detailed logistics issues consistent with the subject of the diploma thesis [K1A_U04]
- 4. The student is able to use the proper information and communication techniques in the context of problems according to the subject of the diploma thesis [K1A_U07]

Social competencies:

1. The student is aware of the need for lifelong learning; to inspire and organize the learning process of other people within the issues covered in the subject studied - [K1A_K01]

Assessment methods of study outcomes

Faculty of Engineering Management

Forming rating

- preparation of a thematic card and a working table of contents
- test of the ability to recall sources and prepare a list of literature

Summary rating

- presentation of the concept of work

Course description

The seminar includes the discussion of:

- rules for editing a scientific text,
- engineering work structure,
- principles of respect for intellectual property,
- the rules for preparing the presentation,
- discussion of the elements of the study regulations regarding the diploma thesis and the diploma exam.

In the practical part, students present concepts of their work, purpose and scope, structure, and research tools.

DIDACTIC METHODS: Instruction combined with demonstration and explanation, demonstration presentations

Basic bibliography:

- 1. Regulamin realizacji prac dyplomowych WIZ www. fem.put.poznan.pl
- 2. Bibliographical sources selected according to the problems of the diploma thesis
- 3. Borcz L., Vademecum pracy dyplomowej, Wydawnictwo WSEiA, Bytom 2001
- 4. Szkutnik Z., Metodyka pisania pracy dyplomowej, Wydawnictwo Poznańskie, Poznań 2005

Additional bibliography:

- 1. Majchrzak J., Mendel T., Metodyka pisania prac magisterskich i dyplomowych, Uniwersytet Ekonomiczny, Poznań, 2009
- 2. Rozpondek M., Poradnik dyplomanta i absolwenta, Wydawnictwo Politechniki Śląskiej, Gliwice 2003

Result of average student's workload

Activity	Time (working hours)
1. Participation in seminar classes	15
2. Own work	25
3. Consultations	10

Student's workload

Source of workload	hours	ECTS			
Total workload	50	2			
Contact hours	25	1			
Practical activities	14	1			