

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Special transport		Code 1011105311011147662
Field of study Logistics - Part-time studies - Second-cycle	Profile of study (general academic, practical) general academic	Year /Semester 1 / 1
Elective path/specialty Chain of Delivery Logistics	Subject offered in: Polish	Course (compulsory, elective) elective
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) part-time	
No. of hours Lecture: 14 Classes: - Laboratory: - Project/seminars: 14		No. of credits 5
Status of the course in the study program (Basic, major, other) other		(university-wide, from another field) university-wide
Education areas and fields of science and art technical sciences		ECTS distribution (number and %) 5 100%
Responsible for subject / lecturer: dr inż. Krzysztof Kubiak email: krzysztof.kubiak@put.poznan.pl tel. (61) 665-34-05 Wydział Inżynierii Zarządzania ul. Strzelecka 11, 60-965 Poznań The student knows the basic current logistical problems.		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	The student knows the basic current logistical problems.
2	Skills	The student is able to interpret and explain the basic concepts and relationships connected with the flow of goods.
3	Social competencies	The student understands that the proper implementation of the special transportation does not depend on technology but mainly on personal and social competence of management staff. The student can argue, defend his or her views and analyze the ideas of others.
Assumptions and objectives of the course: C1 Familiarization of students with the complex process of special goods transport C2 Formation of skills related to special goods transport design		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. The student knows the object and the role of special transportation as well as the rules of looking for a transport company - [K2A_W02] 2. The student knows strategic management methods and possibilities to apply them in logistical operation of enterprises in terms of special transports - [K2A_W03, K2A_W04] 3. The student knows basic management theories and methods in terms of transport organization - [K2A_W08] 4. The student knows the steps of special transport organization - [K2A_W09] 5. The student knows the types of contracts and agreements during transportation - [K2A_W13]		
Skills:		
1. The student can solve simple problems within special transports in different markets - [K2A_U02] 2. The student is able to make an inquiry for quotation concerning the choice of a transport company - [K2A_U04, K2A_U05] 3. The student is able to analyze special transport organization and design a transportation route - [K2A_U09, K2A_U10, K2A_U15] 4. The student can choose a transportation route taking into consideration the improvements from previous analyses - [K2A_U11, K2A_U12, K2A_U16]		
Social competencies:		

1. The student willingly and actively discusses topics related to special transports in various forms - [K2A_K03]
2. The student independently and critically develops his/her knowledge and skills with reference to other academic disciplines - [K2A_K04]

Assessment methods of study outcomes

Preliminary assessment:
a) in terms of the project:
Current assessment of the student's activity in class (questions of the lecturer), assessment of a part of the project.
b) in terms of the lectures:
Asking questions referring to the content of previous lectures during the following lecture

Summary assessment:
Lectures: oral exam (on the basis of provided sets of questions)
Project: preparation of the project

Course description

1. The characteristics of special transports.
 2. The process of special goods transports.
 3. Analysis of the special transport type and its choice
 4. Analysis of the carrier
 5. Agreements and arrangements related to transport
 6. Analysis and choice of the transportation route
 7. Load designation
- Lecture: discussion, case study.
Project: project method, network thinking method, value analysis

Basic bibliography:

1. Kacperczyk R., Transport i spedycja cz. 2, wyd. Difin, Warszawa 2010
2. Kwaśniewski S. i inni, Ładunki niebezpieczne w transporcie towarów, Politechnika Wrocławska, Wrocław 2014
3. Kacperczyk R., Transport i spedycja cz. 2, wyd. Difin, Warszawa 2010
4. Kwaśniewski S. i inni, Ładunki niebezpieczne w transporcie towarów, Politechnika Wrocławska, Wrocław 2014
5. Hrycak A., Młotek C., Monitorowanie przewozów specjalnych. Sprostaj nowym obowiązkom, Wiedza i Praktyka, Warszawa 2017.
6. Kacperczyk R., Transport i spedycja cz. 2, wyd. Difin, Warszawa 2010.
7. Kwaśniewski S. et al., Ładunki niebezpieczne w transporcie towarów, Politechnika Wrocławska, Wrocław 2014.
8. Kubiak K., The application of value network analysis at an ICT company ? case study, [in:] Zeszyty Naukowe Politechniki Poznańskiej, Politechnika Poznańska, Poznań 2016.

Additional bibliography:

1. Stajniak M. i inni, Transport i spedycja, Biblioteka logistyka, Poznań 2008
2. Stajniak M. i inni, Transport i spedycja, Biblioteka logistyka, Poznań 2008
3. Stajniak M. et al., Transport i spedycja, Biblioteka logistyka, Poznań 2008.
4. Kubiak K., The New Institutional Economics in the Context of Intangible Value Exchange, 22nd EBES VOLUME 2, Poznań University of Technology.

Result of average student's workload

Activity	Time (working hours)	
1. Participation in lectures	14	
2. Participation in project classes	14	
3. Preparation to classes	40	
4. Preparation to tests	40	
5. Consultation	15	
6. Final test	2	
Student's workload		
Source of workload	hours	ECTS

Total workload	125	5
Contact hours	75	3
Practical activities	50	2