



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Special transport

### Course

Field of study

Year/Semester

Logistics

1/1

Area of study (specialization)

Profile of study

Supply chain logistics

general academic

Level of study

Course offered in

Second-cycle studies

Polish

Form of study

Requirements

part-time

elective

### Number of hours

Lecture

Laboratory classes

Other (e.g. online)

14

Tutorials

Projects/seminars

14

### Number of credit points

5

### Lecturers

Responsible for the course/lecturer:

Responsible for the course/lecturer:

Ph.D., Eng. Krzysztof Kubiak

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Faculty of Engineering Management

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### Prerequisites

The student starting this subject should have a basic knowledge of the basics of logistics. He should also be able to obtain information from specified sources and be willing to cooperate as part of a team.

### Course objective

Providing students with basic knowledge in the field of designing the special transport process.

### Course-related learning outcomes

Knowledge

1. The student knows the object and the role of special transportation as well as the rules of looking for a transport company - [P7S\_WG\_01], [P7S\_WG\_02]
2. The student knows strategic management methods and possibilities to apply them in logistical operation of enterprises in terms of special transports - [P7S\_WG\_02]



3. The student knows basic management theories and methods in terms of transport organization - [P7S\_WG\_03], [P7S\_WK\_01]

4. The student knows the steps of special transport organization - [P7S\_WG\_05], [P7S\_WK\_01]

5. The student knows the types of contracts and agreements during transportation - [P7S\_WK\_01]

#### Skills

1. The student can solve simple problems within special transports in different markets, can make a literature analysis - [P7S\_UW\_01], [P7S\_UW\_02]

2. The student is able to make an inquiry for quotation concerning the choice of a transport company - [P7S\_UW\_02]

3. The student is able to analyze special transport organization and design a transportation route - [P7S\_UW\_04], [P7S\_UK\_01], [P7S\_UO\_01], [P7S\_UU\_01]

4. The student can choose a transportation route taking into consideration the improvements from previous analyses - [P7S\_UW\_06], [P7S\_UK\_01], [P7S\_UO\_01], [P7S\_UU\_01]

#### Social competences

1. The student willingly and actively discusses topics related to special transports in various forms - [P7S\_KR\_01]

2. The student independently and critically develops his/her knowledge and skills with reference to other academic disciplines - [P7S\_KK\_01]

#### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Preliminary assessment:

a) in terms of lectures:

Asking questions referring to the content of previous lectures during the following lecture

b) in terms of the project:

Current assessment of the students activity in class (questions of the lecturer), assessment of a part of the project.

Summary assessment:

Lectures: Case study. Passing threshold from 55 points.

Project: Preparation of the project. Passing threshold from 55 points.

#### Programme content



Lectures: The characteristics of special transports. The process of special goods transports. Analysis of the special transport type and its choice. Analysis of the carrier. Agreements and arrangements related to transport. Analysis and choice of the transportation route. Load designation.

Project: Preparation of the project.

### Teaching methods

1. Lecture: multimedia presentation, illustrated with examples on the board.
2. Project: case study.

### Bibliography

#### Basic

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. Hrycak A., Młotek C., Monitorowanie przewozów specjalnych. Sprostaj nowym obowiązkom, Wiedza i Praktyka, Warszawa 2017.
4. Kubiak K., The application of value network analysis at an ICT company - case study, [in:] Zeszyty Naukowe Politechniki Poznańskiej, Politechnika Poznańska, Poznań 2016.
5. Kordel Z. (red.), Polski transport samochodowy ładunków, CeDeWu, Warszawa 2019.

#### Additional

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

### Breakdown of average student's workload

	Hours	ECTS
Total workload	125	5,0
Classes requiring direct contact with the teacher	40	1,5
Student's own work (literature studies, preparation for project, preparation for tests, project preparation) <sup>1</sup>	85	3,5

<sup>1</sup> delete or add other activities as appropriate