## POZNAN UNIVERSITY OF TECHNOLOGY



#### EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

#### **COURSE DESCRIPTION CARD - SYLLABUS**

Course name

Interim paper - Logistics of transport

**Course** 

Field of study Year/Semester

Transport 1/2

Area of study (specialization) Profile of study

Level of study general academic

Course offered in

Second-cycle studies Polish

Form of study Requirements

part-time elective

**Number of hours** 

Lecture Laboratory classes Other (e.g. online)

0 0

Tutorials Projects/seminars

0 4

**Number of credit points** 

5

**Lecturers** 

Responsible for the course/lecturer: Responsible for the course/lecturer:

Marcin Kiciński, BEng, PhD

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Faculty of Civil and Transport Engineering

Institute of Transport

ul. Piotrowo 3, 60-965 Poznań

#### **Prerequisites**

Student has basic knowledge in the field of his interim project.

Student is able to use the text editor and is able to write correctly the interim paper in terms of language

Student is aware of the seriousness and importance of written scientific studies

#### **Course objective**

Preparation of an interim paper on a given topic in accordance with the rules for scientific papers

## **Course-related learning outcomes**

Knowledge

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Students knows advanced methods, techniques and tools used in solving complex engineering tasks and conducting research in a selected area of transport

#### Skills

Student is able to prepare and present a scientific study in Polish and English, presenting the results of scientific research or an oral presentation on specific issues in the field of transport engineering

Student is able to obtain information from literature, databases and other sources (in Polish and English), integrate them, interpret and critically evaluate them, draw conclusions and formulate and exhaustively justify opinions

#### Social competences

Student understands the importance of using the latest knowledge in the field of transport engineering in solving research and practical problems

Student is aware of the need to develop professional achievements and to observe the rules of professional ethics

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

Learning outcomes presented above are verified as follows:

Evaluation by the supervisor of the prepared interim paper in terms of content, methodology and editing

#### **Programme content**

Determining the detailed topic and title of the interim paper and its substantive scope, indicating the sources of literature searches; discussion of the work schedule, questions, comments and suggestions.

Discussion with the student about the work plan and collected data and information; approval of the plan by the teacher.

Submission of paper and discussion of the assessed work.

#### **Teaching methods**

Project method - individual implementation of the project with support from the interim paper supervisor.

#### **Bibliography**

#### **Basic**

Opoka E., Uwagi o pisaniu i redagowaniu prac dyplomowych na studiach technicznych, Wyd. Politechniki Śląskiej, Gliwice 2003

Wojciechowska R., Przewodnik metodyczny pisania pracy dyplomowej. Wyd. DIFIN, 2010

## Additional

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# Breakdown of average student's workload

	Hours	ECTS
Total workload	125	5,0
Classes requiring direct contact with the teacher	15	1,0
Student's own work (preparation of the work plan and writing	110	4,0
interim paper) <sup>1</sup>		

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