### 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 project - railway vehicles

Course

Field of study Year/Semester

Construction and Exploitation of Means of Transport 1/2

Area of study (specialization) Profile of study

Railway vehicles general academic

Level of study Course offered in

Second-cycle studies Polish

full-time compulsory

**Number of hours** 

Form of study

Lecture Laboratory classes Other (e.g. online)

Requirements

Tutorials Projects/seminars

**Number of credit points** 

5

**Lecturers** 

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

Lecturers conducting master's thesis

### **Prerequisites**

The student has the basics of knowledge about the issue to which the transitional work is to be devoted. The student is able to use the selected computer text editor and correctly uses the language in which the work is to be written. The student is able to use texts and use the tools to support engineering works in the areas covered by the study program.

### **Course objective**

Preparation of a written work on a given topic in accordance with the generally applicable rules of editing the texts of scientific papers.

#### **Course-related learning outcomes**

Knowledge

Knowledge of the rules governing the creation of written studies, extended knowledge of the issue presented in the work, knowledge of the principles of presenting works.

Skills

Preparation of a written work on a given topic in accordance with the applicable rules for the editing of scientific papers.

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#### Social competences

Being aware of the need to follow the rules when creating written work.

# Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Assessment of the transitional work in terms of content, methodology and editorial.

### **Programme content**

Determining the detailed topic and title of the work as well as its substantive scope, indicating the sources of literature searches; discussion of the work schedule, questions, comments and suggestions. Individual discussion with the student about the work plan and collected materials; approval of the plan by the teacher. The most important principles of writing works concerning, inter alia, work structure, literature, descriptions of figures and tables, editorial guidelines, etc. Individual discussion of the corrected and assessed work.

### **Teaching methods**

Conversation lecture, talk, description, consultation.

### **Bibliography**

#### Basic

- 1. Pułło A., Prace magisterskie i licencjackie. PWN, Warszawa 2000.
- 2. Sęk A.: Podstawowe zasady pisania prac dyplomowych, Wydawnictwo Wyższej Szkoły Ekonomiczno-Społecznej, 2012.
- 3. Urban S., ŁadońskiW.: Jak napisać dobrą pracę magisterską. Wrocław, Wydawnictwo Akademii Ekonomicznej im. Oskara Langego, 2003.
- 4. Wojcik K.:Piszę akademicką pracę promocyjną licencjacką, magisterską, doktorską, Wolters Kluwer, 2015.

### Additional

1. Literature from the substantive area of the work

### Breakdown of average student's workload

	Hours	ECTS
Total workload	125	5,0
Classes requiring direct contact with the teacher	25	1,0
Student's own work (literature studies, preparation for	100	4,0
laboratory classes/tutorials, preparation for tests/exam, project preparation) <sup>1</sup>		

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