



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma Seminar [N2Trans1-TrD>SD]

### Course

Field of study

Transport

Year/Semester

2/3

Area of study (specialization)

Road Transport

Profile of study

general academic

Level of study

second-cycle

Course offered in

polish

Form of study

part-time

Requirements

compulsory

### Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

9

### Number of credit points

2,00

### Coordinators

dr hab. inż. Marian Jóska prof. PP  
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### Lecturers

### Prerequisites

Knowledge defined by the first and second degree programmes. Experience gained during the realization of the diploma work in engineering. Understanding the importance of conducting scientific work for the rational development of technology and its proper use.

### Course objective

Inspiration, control and assistance in the process of completing the thesis

### Course-related learning outcomes

Knowledge:

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

Student has knowledge of ethical codes related to scientific and research work in the field of transport engineering.

Skills:

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.

Using among others conceptually new methods, the student is able to solve complex tasks in the field of transport engineering, including typical tasks and tasks with a research component.

The 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.

The student is able to determine the directions of further learning and implement the process of self-education, including other people.

Social competences:

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

Student understands the importance of popularizing activities regarding the latest achievements in the field of transport engineering.

Student is aware of the need to develop professional achievements and to comply with the rules of professional ethics.

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

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The final evaluation of the seminar is determined by the component marks issued, which reflect the commitment to the thesis and the activity of participation in the seminar. However, the entry of this evaluation, by the seminar leader, takes place only after the results of the anti-plagiarism evaluation of the diploma thesis are accepted by the Promoter and the information is passed on to the seminar leader. This written assessment makes it possible to set up a mechanism for organising the final examination to enable the diplomat to obtain a master's degree.

### Programme content

Framework plan of the seminar: 1. Filling in the records of work: engineering, transition, master's and consultation cards. 2. Discussing the consequences of the Master's thesis titles - seminar leader together with diplomats and seminar participants. 3. Presentation of the organisation (tables of contents) of the engineering work and discussion of the results - presentations (evaluation). 4. Presentation of interim theses, with an assumption referring to the subject of the thesis. 5. Presentation of thesis implementation - speech evaluation. 6. Presentation of consultation sheets with the percentage of advancement given by the Promoter - evaluation. 7. to give an evaluation for attendance at the seminars.

### Teaching methods

Lecture, observations, remarks of the instructor, discussion of the participants, presentations of students

### Bibliography

Basic

1. Gambrelli G., Łucki Z.: Praca dyplomowa. Wyd. AGH, Kraków, 2011..
2. Boć J.: Jak pisać pracę magisterską, Wrocław: Kolonia Limited, 2009, wyd 7.
3. Szkutnik Z., Metodyka pisania pracy dyplomowej, Wyd. Poznańskie, Poznań 2005.
4. Majchrzak J., Mendel T., Metodyka pisania prac magisterskich i dyplomowych. Wydawnictwo AE w Poznaniu, Poznań 2005.
5. Węglińska M. - Jak pisać pracę magisterską ? : Poradnik dla studentów. Kraków : Oficyna Wydawnicza "Impuls", 2002.
6. Opoka Ewa, Uwagi o pisaniu i redagowaniu prac dyplomowych na studiach technicznych, Gliwice, Wyd. Politechniki Śląskiej, 2002.

Additional

1. Adam T. Troskołański., O twórczości. Piśmiennictwo nauko-techniczne, PWN, Warszawa 1982, seria. Biblioteka Problemów
2. Wiślocki K., Metodologia i redakcja prac naukowych, Wydawnictwo Politechniki Poznańskiej, 2013,

## Breakdown of average student's workload

	Hours	ECTS
Total workload	40	2,00
Classes requiring direct contact with the teacher	9	0,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	31	1,50