



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Diploma seminar

Course

Field of study

Year/Semester

Transport

4/7

Area of study (specialization)

Profile of study

Food transport

general academic

Level of study

Course offered in

First-cycle studies

Polish

Form of study

Requirements

full-time

elective

Number of hours

Lecture

Laboratory classes

Other (e.g. online)

0

0

0

Tutorials

Projects/seminars

0

15

Number of credit points

15

Lecturers

Responsible for the course/lecturer:

Responsible for the course/lecturer:

Prof. dr hab. inż. Karol Nadolny

email: karol.nadolny@put.poznan.pl

tel. 61 665 219

ul. Piotrowo 3; 60-965 Poznań

Prerequisites

KNOWLEDGE: Knowledge of issues related to the diploma topic

SKILLS: Can use the scientific method in solving problems

SOCIAL COMPETENCES: Knows the limits of own knowledge and skills; is able to precisely formulate questions, understands the need for further education

Course objective

Expanding the knowledge and skills on the organization and conduct of scientific and technical works and the presentation of the results of these works.



Course-related learning outcomes

Knowledge

The student knows the basic techniques, methods and tools used in the process of solving tasks in the field of transport, mainly of an engineering nature engineering

The student has a basic knowledge of patents, the copyright and related rights act and the act on the protection of personal data and technology transfer, in particular with regard to transport solutions

Skills

The student is able to prepare and present, in Polish and English, a well-documented study of problems in the field of transport engineering, including oral presentations.

The student is able to organize, cooperate and work in a group, assuming various roles in it, and is able to properly define priorities for the implementation of a task set by himself or others

The student is able to plan and implement the process of own life long learning and knows the possibilities of further education (second and third degree studies, postgraduate studies, courses and exams conducted by universities, companies and professional organizations)

Social competences

The student is aware of the social role of a technical university graduate, in particular, he/she understands the need to formulate and transfer to the society, in an appropriate style, information and opinions on engineering activities, technological achievements, as well as the achievements and traditions of the transport engineer profession

The student correctly identifies and solves dilemmas related to the profession of a transport engineer

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Ongoing monitoring of preparation (discussion) and activity in the classroom. Assessment of the presentation of the written work.

Programme content

General part: types of qualification works, including diploma theses and rules for their implementation, requirements for diploma theses. Formulating a technical problem and thesis, study of literature, methodological part of the work, presentation of research results, development of observations and conclusions. Principles of work editing, editing support, development of graphic elements, preparation of the work for printing and duplication.

Specialist part: reporting on the dissertations carried out by the authors and discussion on them. Effectiveness in obtaining the title of engineer, i.e. becoming a graduate of the University of Technology, not just a graduate student.

Teaching methods



Design. Conversation lecture

Bibliography

Basic

1. Dobrze obyczaje w nauce. Zbiór zasad i wytycznych (wyd. 3), Wyd. PAN Warszawa 2001
2. Leszek W., Wybrane zagadnienia metodyczne badań empirycznych. Instytut Technologii Eksploatacji, Radom 2006
3. Szubert-Zarzewny U., Technika pisania prac o charakterze naukowym, Wyd. Wyższa Szkoła Zarządzania
4. Wisłocki K. Metodologia i redakcja prac naukowych, wyd Politechniki Poznańskiej, 2013,

Additional

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

Breakdown of average student's workload

	Hours	ECTS
Total workload	350	15,0
Classes requiring direct contact with the teacher	40	2,0
Student's own work (literature studies, preparation for tutorials, preparation for tests) ¹	310	13,0

¹ delete or add other activities as appropriate