



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Proseminar

### Course

Field of study

Construction and Exploitation of Means of Transport

Area of study (specialization)

-

Level of study

First-cycle studies

Form of study

part-time

Year/Semester

3/6

Profile of study

general academic

Course offered in

polish

Requirements

compulsory

### Number of hours

Lecture

9

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

### Number of credit points

1

### Lecturers

Responsible for the course/lecturer:

Prof. dr hab. inż. Karol Nadolny

Responsible for the course/lecturer:

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Institute of Internal Combustion Engines and

Drives

ul. Piotrowo 3; 60-965 Poznań

### Prerequisites

KNOWLEDGE: General knowledge in the field of study and detailed knowledge related to the selected specialization

SKILLS: Getting to know the surrounding technical reality and its development in a non-accidental, i.e. scientific way

SOCIAL COMPETENCES: Belief in the need for lifelong learning.

### Course objective

Verification of the theoretical knowledge possessed by the student with reality, gaining new



professional experience in real working conditions. Practical application of knowledge and skills acquired during studies in practice. Familiarizing the student with the realities of the functioning of the workplace against the background of applicable law, business hierarchy, secrets, interpersonal relations, learning to analyze and choose good practices (especially duty, loyalty to the parent company, responsibility, sense of identity, self-esteem, etc.) useful in the next life, especially in the professional sphere. An attempt to assess the role and importance of the workplace in the economy and life of the local community, and the student to gain experience in the labor market.

### Course-related learning outcomes

#### Knowledge

Getting to know the surrounding technical reality and its development in a non-accidental, i.e. scientific way

#### Skills

Is able to use the experience gained in the environment of professionally engaged in engineering activities related to the maintenance of equipment, facilities and systems typical of the field of study

#### Social competences

Is ready to perform responsible professional roles, including: 1. compliance with the principles of professional ethics and the requirement of this from others; 2. care for the achievements and traditions of the profession

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Effectiveness in obtaining the title of engineer, i.e. becoming a graduate of the University of Technology, not just a graduate student.

### Programme content

Development of literature and education in Europe and Poland (University and technical higher education). The genesis and role of theses. Types of diploma theses in technical studies.

The role of the promoter (student tutor). The layout of the thesis, work plan, types of information sources and rules of using them, carrying out the tasks of the thesis. Principles of description of the obtained results. Requirements for the edition of the work. Archiving of the work and its evaluation by the anti-plagiarism system. Documents for the final examination, formal requirements. Preparation for the diploma examination, self-presentation, presentation. Course of the final exam.

### Teaching methods

Lecture - presentation with detailed comments

### Bibliography

#### Basic

1. Dobre 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	30	1,0
Classes requiring direct contact with the teacher	15	0,5
Student's own work (literature studies, preparation for tutorials, preparation for tests) <sup>1</sup>	15	0,5

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