



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Temporary work

Course

Field of study

Construction and Exploitation of Means of Transport

Area of study (specialization)

Food Industry Machines and Refrigeration

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

1/2

Profile of study

general academic

Course offered in

Polish

Requirements

compulsory

Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

Number of credit points

5

Lecturers

Responsible for the course/lecturer:

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Faculty of Civil and Transport Engineering

ul. Piotrowo 3, 60-965 Poznań

Responsible for the course/lecturer:

Prerequisites

Knowledge: Student has a basic knowledge of the place and role of transport in the economy and social life, in the system of sciences and relations with other areas of knowledge.

Social competences: Is aware of responsibility for his own work. Student is aware of the proper documentation and presentation of the results of his research and design work.

Skills: 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 knows how to 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 generally applicable rules documenting the results of research or design works.

Course-related learning outcomes

Knowledge

1. Has a basic, structured knowledge of non-metallic and composite materials used in the construction and operation of machines, including mainly ceramic materials, synthetic materials, non-metallic natural materials (wood, glass, stone) and fuels, lubricants, technical gases, cooling agents, etc.
2. Has extended basic knowledge necessary to understand specialist subjects and specialist knowledge about the construction, construction methods, manufacturing and operation of a selected group of working, transport, thermal and flow machines covered by the WILiT specialization profile.

Skills

1. Can obtain information from literature, the Internet, databases and other sources. Can integrate the obtained information, interpret and draw conclusions from it, and create and justify opinions.
2. Can use computer office packages for editing technical texts, including formulas and tables, technical and economic calculations using a spreadsheet and running a simple relational database.
3. Can prepare and present a short verbal and multimedia presentation on the results of an engineering task.
4. Has the ability to self-educate with the use of modern didactic tools, such as remote lectures, internet websites and databases, teaching programs, e-books.

Social competences

1. Is ready to critically assess the knowledge and content received.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Assessment of the written transitional work in terms of substantive, methodological and editorial content.

Programme content

Determining the detailed topic and purpose of the work as well as its substantive scope, indicating the sources of literature searches; discussion of the schedule of work implementation. Individual discussion with the student regarding the work plan and collected materials; approval of the plan by the teacher.

The most important principles of writing works concerning, among others work structure, literature, descriptions of figures and tables, editorial guidelines, etc.

Individual discussion of the corrected and assessed work.

Teaching methods



Bibliography

Basic

1. Pułto A., Prace magisterskie i licencjackie. PWN, Warszawa 2000.
2. Wojcik K.:Piszę akademicką pracę promocyjną - licencjacką, magisterską, doktorską, Wolters Kluwer, 2015.

Additional

1. Literature on the content 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, project preparation) ¹	100	4,0

¹ delete or add other activities as appropriate