



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Sociology

### Course

Field of study

Year/Semester

Transport

1/2

Area of study (specialization)

Profile of study

-

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)

15

0

0

Tutorials

Projects/seminars

0

0

### Number of credit points

1

### Lecturers

Responsible for the course/lecturer:

Responsible for the course/lecturer:

dr Jerzy Przybysz

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tel. (61) 665-34-00

Wydział Inżynierii Zarządzania

### Prerequisites

Knowledge: Basic categories and problems of sociology

Skills: Self-awareness of the role of sociological knowledge in engineering practice

Social competences: Understanding the importance of sociological knowledge in the field of explaining social processes

### Course objective

The aim of the course is to familiarize students with the issues of contemporary sociology and the possibilities of applying this knowledge in the professional practice of engineers

### Course-related learning outcomes

Knowledge



The student has knowledge of ethical codes regarding transport engineering, is aware of the dangers related to environmental protection and understands the specificity of mission-critical systems

#### Skills

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

#### Social competences

The student can think and act in an entrepreneurial way, incl. finding commercial applications for the created system, taking into account not only business benefits, but also social benefits of the conducted activity

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

#### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

The assessment based on written test.

#### Programme content

Sociology as a science. Subject and research problems. Methods and techniques of sociological research. Determinants of human existence. Natural, cultural and economic foundations of social life. Social bond, interactions and interpersonal communication. Personality and social attitudes. The individual and society. Typology of social communities. Sociology of social macro- and microstructures. The essence of social stratification. Social changes and processes. Social control mechanisms. Social engineering and psychotechnics. The emergence and development of the information society. Internet sociology and psychology. Influence of ICT (Information Communication & Technology) on the development of network structures. Cyberculture in a network society (social networking, blogging, virtual communities).

#### Teaching methods

Lecture with presentation

#### Bibliography

Basic

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Additional

-



### 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 laboratory classes/tutorials, preparation for tests/exam, project preparation) <sup>1</sup>	15	0,5

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