POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

COURSE DESCRIPTION CARD - SYLLABUS

Course name
Elements of philosophy [S1Teleinf1>EF]

Course

Field of study	Year/Semester
Teleinformatics	1/1

Area of study (specialization)	Profile of study
–	general academic

Level of study	Course offered in
first-cycle	polish

Form of study	Requirements
full-time	elective

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
30	0	0

Tutorials	Projects/seminars	
0	0	

Number of credit points

3,00

Coordinators	Lecturers
dr Radosław Kot radoslaw.kot@put.poznan.pl	

Prerequisites

The student has basic knowledge of history and culture; can choose the appropriate sources of knowledge and obtain the necessary information from them and provide a critical analysis and evaluation of solutions for complex and unusual engineering problem; Is aware of the need of deepening and expanding knowledge to solve newly born technical problems

Course objective

Course-related learning outcomes

Knowledge:

Skills:

Social competences:

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Forming grade:
By discussions and questions checking the degree of mastery of previously presented issues.
Final grade:
Essay on the previoulscy accepted topic

Programme content

1. The essence, genesis, object and functions of philosophy: man as a philosophizing entity in search of the meaning of its existence and goals of its action. Knowledge and motivation to act. Philosophy and worldview and ideology. The role of philosophy in the development of science and practical skills.
2. Stages of philosophy development: The main stages of the development of philosophical reflection. Structure of philosophical problems. Individual criticism and mental formations. The basic branches of philosophy: materialism and idealism. Criteria for the division of philosophy into materialism and idealism.
3. Theory of cognition: Place and role of knowledge in human action. The structure of the cognitive process: subject, object, perception, thinking, concept. Knowledge and its role in the operation of individuals and communities. Individual and collective knowledge - collectivization of knowledge.
4. Theory of truth and cognitive discourse: The Learning Theory. Experiment and theory. The truth: the truth of knowledge, the criteria of truth. Scientific method and falsification of theory.
5. Science. The genesis of modern science and its role in contemporary culture.
6. The theory of being (ontology): Analysis of the object being studied. Nature of reality. Matter and form; material unity and formal diversity. Individual beings and general entities, classes of beings.
7. Dialectics; processes and relationships: Processes; time and space; causal relationship. Determinism, indeterminism. Necessity, chance, freedom. Matter and consciousness. Pyramid of beings and development.
8. Axiology: ethics and aesthetics: Individual and society: morality, ethics, professional ethics. Good and evil; the issue of responsibility. Beauty and art
9. Elements of social philosophical: Theories of social life. Basics and forms of collective life. The concept of social formation. Production method, way of thinking, culture. Models of changes in social formation: social conflict, revolution, regularity of social processes.
10. Analysis of social institutions: the state and the nation. Power, politics and forms of governance. Authoritarianism, totalitarianism, democracy, anarchism. Pathologies of power and social life.
11. Currents of contemporary philosophy.

Teaching methods

Lectures and interactions with students

Bibliography

Basic:
1. R. Popkin, A. Stroll, Filozofia, Poznań 1994

Additional:
1. W. Dilthey, O istocie filozofii, Warszawa 1987
2. T. Kuhn, Struktura rewolucji naukowych, Warszawa 2001

Breakdown of average student's workload

	Hours	ECTS
Total workload	56	3,00
Classes requiring direct contact with the teacher	30	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	26	1,00