



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Ethics

Course

Field of study

Automatic Control and Robotics

Area of study (specialization)

Level of study

First-cycle studies

Form of study

part-time

Year/Semester

2/4

Profile of study

general academic

Course offered in

Polish

Requirements

elective

Number of hours

Lecture

8

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

dr. Radosław Kot

Responsible for the course/lecturer:

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Prerequisites

The student has basic knowledge of history and culture, the ability to perceive, associate and interpret phenomena occurring in social life and is aware of the importance of the non-technical aspects and understands effects of the engineer-energy industry, including its impact on the environment and the related responsibility for engineer's decisions.



Course objective

Student understanding the essence and role of ethics in social life, knows methods for solving ethical problems, including ethical problems while pursuing professional roles.

Course-related learning outcomes

Knowledge

Knows and understands the influence of energy transformation processes on the natural environment, has organized knowledge necessary to understand non-technical conditions of engineering activity.

Skills

Can work individually and in a team; knows how to estimate the time needed to complete the task in a socially accepted or desired way.

Social competences

Student understands the need of continuous education and know how practice it, as well as the importance raising professional, personal and social competences; is aware of the importance of behavior in a professional manner, adherence to the principles of professional ethics and respect for the diversity of views and cultures; is aware of the social role of a technical university graduate and especially understands the need to formulate and communicate to the public (including through mass media) information and opinions on the achievements on his field of professional activity in a widely understood way and is able to do it

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:

Final essay on an accepted previously topic.

Programme content

1. Area of interest in ethics; subject, scope and functions of ethics; genesis and subject of ethical reflection, stages of the development of ethical thought; morality and ethics; normative ethics and descriptive ethics; place of ethics in the structure of philosophy, humanities and social sciences.
2. Ethics, morality and law, morality and its theories; review of basic concepts of morality; cognitivism and non-cognitivism; consequentialism and nonconsequentialism; utilitarianism and the ethics of prosperity; Kantianism and ethics of duty; natural law, ethics of rights.
3. Norms, values, ideals and moral sanctions; basic concepts of descriptive ethics; norms, values, ideals and moral sanctions; genesis and the role of norms, values and ideals; arguments about the genesis and nature of values; research methods of descriptive ethics, psychology and sociology of morality.



4. Conflicts of values and ethical principles; principles of making ethical decisions; conflicts of values in decision-making processes; an individual in relation to value conflicts; conflict of interest in social life; egoism - altruism; basics of ethical analysis of decision situations.

5. Ethical aspects of professional decisions; practice and ethical situations; ethical results of conscientiousness and non-consummation in practicing the profession; the responsibility of the designer, diagnostician and contractor; the issue of responsibility for the effects of ignorance; mistakes and omissions in the performance of work; responsibility towards the client, client, partner, third parties, society; analysis of selected conflicts of values in the work process.

6. Ethics and the management of resources and the environment; management of work processes and management of human resources, capital and the environment; environment and management; capacity of the environment; economy and health of employees, customers and the environment; who is responsible for protecting the environment, who bears the costs; how to defend against dishonesty of suppliers.

7. Ethics in labor relations; social relations in the workplace; employment and workers' rights; right to work; equal opportunities; fair pay; unions; entrepreneur's rights and employee's loyalty; discrimination at work.

8. Professional ethical codes; genesis, essence and main examples of professional codes of ethics; the role of ethical codes in regulating professional practices.

Teaching methods

Lecture, discussion with students and providing materials of educational importance available on the Web.

Bibliography

Basic

1. Zagadnienia i kierunki filozofii, K. Ajdukiewicz, Warszawa, 1983

2. R. H. Popkin, A. Stroll, Filozofia, Poznań, 1995

Additional

1. Wstęp do filozofii, A. B Stępień, Lublin, 1989

Breakdown of average student's workload

	Hours	ECTS
Total workload	50	2,0
Classes requiring direct contact with the teacher	8	0,5
Student's own work (literature studies, preparation for tests) ¹	42	1,5

¹ delete or add other activities as appropriate