# POZNAN UNIVERSITY OF TECHNOLOGY

## COURSE DESCRIPTION CARD - SYLLABUS

Course name
Ethics [S1AiR1>PO2-Etyka]

## Course

| | |
|---|---|
| Field of study | Year/Semester |
| Automatic Control and Robotics | 1/2 |
| 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

2,00

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

## 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 desried 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 prreviously 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 | 55 | 2,00 |
| Classes requiring direct contact with the teacher | 30 | 1,00 |
| Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation) | 25 | 1,00 |