COURSE DESCRIPTION CARD - SYLLABUS

Course name
Ethics [S1AiR1E>POH2-Etyka]

Course

Field of study
Automatic Control and Robotics

Year/Semester
2/3

Area of study (specialization)
–

Profile of study
general academic

Level of study
first-cycle

Course offered in
english

Form of study
full-time

Requirements
elective

Number of hours

Lecture
30

Laboratory classes
0

Other (e.g. online)
0

Tutorials
0

Projects/seminars
0

Number of credit points

2,00

Coordinators

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Lecturers

Prerequisites

The student should know the basic concepts related to the norms regulating social behavior, have the ability to perceive, associate and interpret basic phenomena occurring in social relations, and be aware of the importance of ethics in professional and private life.

Course objective

The goal is to develop skills: resolving moral dilemmas, reflective and responsible fulfillment of personal and professional roles, building desirable moral attitudes of subordinates and associates, creating openness to worldview differences.

Course-related learning outcomes

Knowledge:
Knows the methods, techniques, tools and materials used in solving simple engineering tasks in the field of automation and robotics [K1_W23 (P6S_WG)].
Has the basic knowledge necessary to understand the non-technical conditions of engineering activities and the process of automation and robotisation in industry and households; knows the basic principles of occupational health and safety in industry [K1_W24 (P6S_WK)].

Knows and understands the basic concepts and principles of industrial property protection and copyright; is able to use patent information resources [K1_W26 (P6S_WK)].
Skills:
Can communicate using a variety of techniques in professional and other communities [K1_U3 (P6S_UK)].
Can prepare documentation concerning the realisation of an engineering task in Polish and foreign language [K1_U4 (P6S_UW)].
Is able to give a presentation of results on an engineering task in Polish and foreign language [K1_U5 (P6S_UK)].
Has self-education skills to improve and update professional competences [K1_U6 (P6S_UU)].
Is able to perceive non-technical aspects, including environmental, economic and legal aspects when formulating and solving tasks involving the design of automation and robotics systems; is able to contribute to debate - present and evaluate various opinions and positions and discuss them [K1_U16 (P6S_WK)].
Social competences:
Is ready to critically assess his/her knowledge; understands the need for and knows the possibilities of continuous training - improving professional, personal and social competence, is able to inspire and organize the learning process of others [K1_K1 (P6S_KK)].
The graduate is ready to fulfil social obligations and co-organise activities for the benefit of the social environment; is aware of the social role of a graduate of a technical university and understands the need to formulate and convey to the public (in particular through the mass media) information and opinions on the achievements of automation and robotics and other aspects of engineering activities; the graduate makes efforts to communicate such information and opinions in a generally understood manner [K1_K7 (P6S_KO)].

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Learning outcomes presented above are verified as follows:
Evaluation of knowledge and skills based on the written final task and homework (case study). Task consists of 4 open and 10 multiple choice test questions. Passing threshold: 50% of points.

Programme content

1. Area of interest in ethics. Subject, scope and functions of ethics. Origin and subject of ethical reflection. 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. Review of basic concepts of morality. Basic ethical positions: utilitarianism, personalism, Kantyzm, duty ethics, etc.
3. Norms, values, ideals and moral sanctions. Basic concepts of descriptive ethics. The origin and role of norms, values and ideals. Disputes about the genesis and nature of values. Research methods of descriptive ethics. Psychology and sociology of morality.
4. Conflicts of values and ethical situations. Principles of making ethical decisions. Basics of ethical analysis of decision-making situations.
5. Ethics in labor relations. Equality and dignity as basic values. Equal Opportunity. Fair pay. Discrimination, mobbing at work - prevention.
6. Practicing a profession and ethical situations. Honesty, diligence and diligence in practicing a profession. Responsibility of the designer, diagnostician, contractor. The issue of responsibility for the effects of ignorance, errors and omissions in the performance of work. Responsibility towards the client, client, partner, bystanders, society. Professional secrecy. Egoism and altruism.
7. Professional codes of ethics. Origin, essence and main examples of professional codes of ethics. The role of ethical codes in regulating professional practices. Ethics of the engineering profession - the context of the uprising.
8. Social mechanisms conducive to violation of moral norms. Deviations from norms for trust (lie, manipulation). Justification of breaches in individual types of standards (including standards related to human existence)

Teaching methods

Problem lecture, lecture with elements of the seminar, presentation illustrated with examples

Bibliography

Basic

1. The Oxford handbook of business ethics / edited by George G. Brenkert, Tom L. Beauchamp. Oxford ; New York : Oxford University Press, 2010.
2. Business ethics : evidence from the world of finance / Paulina Roszkowska. Warsaw : Warsaw School of Economics, 2015.
3. Business and society : corporate strategy, public policy, ethics / William C. Frederick, James E. Post, Keith Davis.
Additional
1. Social development towards values : ethics, technology, society globalization / edited by Paulina Kuzior. Gliwice : Wydawnictwo Politechniki Śląskiej, 2015.

Breakdown of average student's workload

	Hours	ECTS
Total workload	60	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)	30	1,00