



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Professional Ethics

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### Course

Field of study

Biomedical engineering

Area of study (specialization)

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

1/2

Profile of study

general academic

Course offered in

polish

Requirements

elective

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### Number of hours

Lecture

30

Laboratory classes

Tutorials

Projects/seminars

Other (e.g. online)

### Number of credit points

3

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### Lecturers

Responsible for the course/lecturer:

dr Jakub Drobnik

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Wydział Inżynierii i Zarządzania

ul. J. Rychlewskiego 2

60-965 Poznań

Responsible for the course/lecturer:

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### Prerequisites



The student has a basic knowledge of ethical issues, including philosophical and formal ethics. Moreover, he is aware of the existing difference between ethics and morality

### Course objective

Presentation of basic issues in the field of ethics, its essence and principles in relation to the influence on the formation of individual and social awareness. The meaning, role and place of ethics in social and professional life as well as teaching the basics of analyzing the ethical aspects of the situation while implementing professional activities.

### Course-related learning outcomes

#### Knowledge

Has the basic knowledge necessary to understand the social and non-technical determinants of engineering activities, resulting from the adopted and conventional ethical and moral doctrines. Knows the basic concepts of ethics and their impact on professional life, including the image of the company, professional and personal field

#### Skills

The student has the ability to perceive, associate and interpret ethical phenomena and the direction of their evolution. When formulating and solving engineering tasks, he is able to see their systemic and non-technical aspects.

#### Social competences

Is aware of the importance and understanding of non-technical aspects and effects of engineering activities, including its impact on society, as well as shaping the external image. In engineering work, he is able to identify ethical problems resulting from the adopted social code of ethics conditioning conventional activities and propose solutions accordingly

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Final test based on the knowledge gained during the lecture and the literature on the subject. The test consists of open and closed questions (single choice): 10 questions: 6pts = 3.0; 7pts = 3.5; 8pts = 4.0; 9 points = 4.5; 10pts = 5.0. Passing by obtaining the value of 50% correct answers

### Programme content

Genesis and subject of ethical reflection. Stages of development of ethical thought. Morality and ethics. Normative ethics and descriptive ethics. The place of ethics in the structure of philosophy, humanities and social sciences. Ethics, morality and law. Review of the basic concepts of morality. Cognitivism and noncognitivism; consequentialism and non-consequentialism. Utilitarianism? an ethics of prosperity. Kantism? ethics of duty. Natural law? permission ethics. Basic concepts of descriptive ethics. Norms, values, ideals and moral sanctions. Genesis 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. Ethical situations. Principles of making ethical decisions. Value conflicts in decision-making processes. The individual in the face of value conflicts. Conflict of interests in social life. Selfishness? altruism. Basics of ethical analysis of decision situations. Practice and ethical situations. The ethical



consequences of diligence and negligence in the performance of the profession. Responsibility of the designer, diagnostician, contractor. The issue of liability for the consequences of ignorance, mistakes and omissions in the performance of work. Responsibility towards the client, client, partner, third parties, society. Review of value conflicts in the work process: doctor, lifeguard, firefighter, lawyer, driver? Responsibility of the trainer for the effects of his students' actions. Managing work processes and managing human resources, capital and the environment. Environment and management. Environmental capacity. The economy and the health of employees, customers and the environment. Who is responsible for environmental protection, who bears the costs. How to protect yourself from dishonest suppliers. Social relations in the workplace. Employment and workers' rights. Right to work. Equal opportunities. Fair pay. Unions. Entrepreneur's rights and employee loyalty. Discrimination at work. Genesis, essence and main examples of professional ethical codes. The role of ethical codes in regulating apprenticeships.

### Teaching methods

- a lecture with a multimedia presentation (drawings, photos) supplemented with examples given on the blackboard,
- a lecture supplemented with materials for self-study in the Moodle system,
- introducing a new topic, preceded by a reminder of related content, known to students from other subjects.

### Bibliography

#### Basic

Galewicz W., *Moralność i profesjonalizm. Spór o pozycję etyk zawodowych*. Universitas, Kraków 2010.

Styczeń T., Merecki J., *ABC etyki*, Wydawnictwo KUL, Lublin 2010.

Bogucka I., Pietrzykowski T., *Etyka w administracji publicznej*, LexisNexis, Warszawa 2010r

#### Additional

Adamik A., Nowicki M., (2012) *Etyka i Społeczna Odpowiedzialność Biznesu*, w: *Podstawy Zarządzania*, Zakrzewska-Bielawska A. (red), Warszawa 2012.

Bąk D., *Instrumenty kreowania standardów etycznych w organizacji. Projektowanie i ocena Zarządzanie zasobami ludzkimi nr 2/2010*, s. 13-19.

Drzeżdżon W., *Etyczne aspekty pracy zawodowej. Wybrane zagadnienia w: Studia Gdańskie 2010. Wizje i rzeczywistość*, t. X, s. 22-31.

Grabowski D., Chudzicka-Czupała A., Chrupała-Pniak M., Rachwaniec-Szczecińska Ż., Stusiła-Sieradzka M., Wojciechowska W., *Etyka pracy i przywiązanie organizacyjne a wypalenie zawodowe w: Medycyna pracy 70/3 (2019)*.



### Breakdown of average student's workload

	Hours	ECTS
Total workload	55	3,0
Classes requiring direct contact with the teacher	30	2,0
Student's own work (literature studies, preparation for classes, preparation for tests) <sup>1</sup>	25	1,0

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