



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Ergonomic ethics

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### Course

Field of study

Safety Engineering

Area of study (specialization)

Ergonomics and Work Safety

Level of study

Second-cycle studies

Form of study

part-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

polish

Requirements

elective

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### Number of hours

Lecture

8

Laboratory classes

0

Other (e.g. online)

Tutorials

10

Projects/seminars

0

### Number of credit points

1

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### Lecturers

Responsible for the course/lecturer:

Dr. Eng. Żaneta Nejman

Responsible for the course/lecturer:

MSc. Wiktoria Czernecka

email: zaneta.nejman@gmail.com

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### Prerequisites

The student has basic knowledge of ergonomics and occupational safety; has the skills of logical thinking and the use of knowledge. The student shows cognitive openness to the humanistic aspects of shaping working conditions.



### Course objective

Understanding the essence and role of ethics in social life, with particular emphasis on methods of solving ethical problems while fulfilling the professional role of an ergonomist.

### Course-related learning outcomes

#### Knowledge

- Student knows issues related to the area of ergonomics and occupational safety in the context of the ethics of the ergonomist P7S\_WG\_03
- The student knows the concept of man and the world of values, basic ethical categories, the role of man in ensuring reliability in the human-technical object system P7S\_WK\_04

#### Skills

- The student is able to properly choose the sources and information derived from them, make a critical analysis and synthesis of this information, formulate conclusions and comprehensively justify opinions used in the area of ethical issues and in connection with issues of security engineering P7S\_UW\_01
- The student is able to see and formulate in the engineering tasks system, non-technical, socio-technical, organizational aspects and interpret them from the point of view of ethical assumptions for the profession of ergonomist P7S\_UW\_03
- Student is able to make a critical analysis of the functioning of individual organizational subsystems taking into account deficits in moral attitudes and professional ethics P7S\_UW\_06
- Student is able to plan and conduct experiments, including computer measurements and simulations, interpret obtained results, draw conclusions and develop interpretations in relation to the characteristics of difficult situations and ethical dilemmas. P7S\_UO\_01

#### Social competences

- is aware of the recognition of cause-effect relationships in the implementation of organizational goals and tasks, taking into account the achievements of the ergonomist ethics P7S\_KK\_01
- is aware of the recognition of the importance of humanistic knowledge in solving problems in the field of security engineering and continuous improvement in the work environment P7S\_KK\_02
- is aware of the responsibility for own work and readiness to work in interdisciplinary teams P7S\_KR\_02

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

forming assessment:

- knowledge is verified by short colloquia after the second and third didactic unit - problem tasks;
- social skills and competences are verified by issuing partial grades resulting from: teamwork (preparation of a draft code of ethics for an ergonomist); rewarding activity; independent problem solving.



Summative rating:

knowledge is verified by a written test on the basic concepts of the organization of psychological assistance; passing threshold - 50% + 1;

exercises - average of partial grades.

### Programme content

1. Introduction to the subject (ethics as a science of morality, development of ethical thought, the concept of human dignity, asking questions about ethical problems). 2. Ethics at work, i.e. professional deontology (ethical aspects of professional work and work culture, employee subjectivity, professionalism at work, professional development as an ethical postulate). 3. Functions of professional ethics (regulating interpersonal relationships at work, building professional solidarity, protection against temptations and the danger of moral abuse, raising the prestige of a given professional group). 4. Ethics and resource and environment management. Work process management and human, capital and environment management. Economy and health of employees, clients and the environment. 5. Professional ethics in activities for the benefit of ergonomics (ethical principles in the work of an OHS specialist, ethical dilemmas and moral reasoning, contemporary threats in the process of making ethical decisions). 6. The role of professional ethics in building an occupational safety culture (review of the definition of occupational safety culture, analysis of occupational safety culture areas, ethical context of occupational safety culture research - criticism of abuses and methodological errors). 7. Professional codes of ethics - examples of professional codes of ethics, attempts to develop a code of ethics for an ergonomist.

### Teaching methods

lecture

- informative lecture, conversational lecture,

exercises

- displaying methods (film, show), panel discussion, simulating expert debates, case study, brainstorming.

### Bibliography

Basic

1. Nejman Ź., Etyczne aspekty zarządzania systemami motywacyjnymi pracowników na przykładzie przedsiębiorstwa usługowego, [w:] Karczewski L., Kretek H., Kulturowe, społeczne i etyczne uwarunkowania biznesu, gospodarki i zarządzania, Wydawnictwo Politechniki Opolskiej, Opole 2014.
2. Sadłowska-Wrzesińska J., Kultura bezpieczeństwa pracy. Rozwój w warunkach cywilizacyjnego przesilenia, Aspra, Warszawa 2018.



3. Gasparski W., Biznes, etyka, odpowiedzialność, PWN, Warszawa 2018.
4. Sadłowska-Wrzesińska J., Nejman Ż., Gabryelewicz I., Kultura bezpieczeństwa pracy w roli czynnika motywacyjnego - analiza różnic płciowych, Przedsiębiorczość i Zarządzanie, t. 18, z. 6, cz. 1, 2017.

Additional

1. Stępień J., Bittner B., Wprowadzenie do etyki zawodowej, Warszawa 2000.
2. Fromm E., O byciu człowiekiem, Wyd. Etiuda, Kraków 2017.

**Breakdown of average student's workload**

	Hours	ECTS
Total workload	33	1,0
Classes requiring direct contact with the teacher	18	0,5
Student's own work (literature studies, preparation for classes/tutorials, preparation for tests/exam, project preparation) <sup>1</sup>	15	0,5

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