



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Ergonomic ethics

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

Number of hours

Lecture

8

Laboratory classes

Tutorials

10

Projects/seminars

Other (e.g. online)

Number of credit points

1

Lecturers

Responsible for the course/lecturer:

Ph.D., D.Sc., Joanna Sadłowska-Wrzesińska,
University Professor

Responsible for the course/lecturer:

Mail to: joanna.sadlowska-
wrzesinska@put.poznan.pl

Faculty of Engineering Management

ul. J. Rychlewskiego 2, 60-965 Poznań,

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

1. Student knows issues related to the area of ergonomics and occupational safety in the context of the ethics of the ergonomist [P7S_WG_03].
2. 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

1. 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].
2. 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].
3. 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].
4. 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

1. Student 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].
2. Student 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].
3. Student 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:

Formative assessment:

Lecture: knowledge is verified by short tests after the second and third didactic unit - problem tasks;



Exercises: skills and social competences are verified by issuing partial grades resulting from: team work (preparation of a draft code of ethics of an ergonomist); rewarding activity; solving the problem on your own.

Summative assessment:

Lecture: knowledge is verified through a written test on the basic concepts of ergonomist ethics; 1st and 2nd attempt credit threshold - 50% + 1.

Classes - average of partial grades; 1st and 2nd attempt credit threshold - 50% + 1.

Programme content

Lecture: 1. Introduction to the subject (ethics as the science of morality, development of ethical thought, the concept of human dignity, asking questions about ethical problems). 2. Ethics at work, ie professional deontology (ethical aspects of professional work and work culture, subjectivity of employees, professionalism at work, professional development as an ethical postulate). 3. Ethics and resource management and the environment. Managing work processes and managing human resources, capital and the environment. The economy and the health of employees, customers and the environment. 4. The role of professional ethics in building a culture of work safety (review of the definition of work safety culture, analysis of the areas of work safety culture, ethical context of work safety culture research, criticism of abuses and methodological errors).

Exercises: 1. Functions of professional ethics (regulating interpersonal relations at work, building professional solidarity, protection against temptations and the danger of moral abuse, raising the prestige of a given professional group). 2. Professional ethics in activities for the benefit of ergonomics (ethical principles in the work of an occupational health and safety specialist, ethical dilemmas and moral reasoning, contemporary threats in the process of making ethical decisions). 3. Professional codes of ethics - examples of professional codes of ethics, attempts to develop a code of ethics for an ergonomist

Teaching methods

Lecture:

- information lecture, seminar lecture, multimedia presentation.

Exercises:

- exposing methods (multimedia presentation, film), panel discussion, case study, brainstorming, practical exercises.

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, s. 195-208.

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	25	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, project preparation) ¹	7	0,5

¹ delete or add other activities as appropriate