POZNAN UNIVERSITY OF TECHNOLOGY

EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

COURSE DESCRIPTION CARD - SYLLABUS

Course name
A Short Course in Occupational Safety

Course

Field of study	Year/Semester
Engineering Management	1/1
Area of study (specialization)	Profile of study
Managing Enterprises of the Future	general academic
Level of study	Course offered in
Second-cycle studies	polish
Form of study	Requirements
full-time	compulsory

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
4	0	0
Tutorials	Projects/seminars	
0	0	

Number of credit points
0

Lecturers

Responsible for the course/lecturer:

Ph.D., Eng. Adam Górny,

Mail to: adam.gorny@put.poznan.pl

Phone: 61 665 3407

Faculty of Engineering Management,

ul. J. Rychlewskiego 2, 60-965 Poznań

Responsible for the course/lecturer:

MSc., Eng. Sebastian Kubasiński ,

Mail to: sebastian.kubasinski@put.poznan.pl

Phone: 61 665 3407

Faculty of Engineering Management,

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Prerequisites
The student is capable of making responsible decisions and acting in situations of danger.

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Course objective

Familiarizing students with threats to health and life associated with their presence on the university premises, as well as with the regulations, directives, rules, and procedures in force at Poznan University of Technology for dealing with situations posing threats to safety, including fire safety.

Course-related learning outcomes

Knowledge

1. The student has in-depth knowledge of methods and tools concerning information and decision-making processes in the area of occupational safety in the company [P7S_WG_02].

Skills

1. The student has the ability to use the acquired knowledge in different scopes and forms, extended by a critical analysis of the effectiveness and usefulness of the applied knowledge in solving problems in the area of occupational safety [P7S_UW_03],

2. The student has the ability to independently propose solutions to a specific management problem and to carry out a procedure of decision-making in this respect, as well as to indicate methods of conduct aimed at minimising the effects in the field of occupational safety [P7S_UW_04].

Social competences

1. The student is aware of the interdisciplinary nature of the knowledge and skills needed to solve complex problems, understands the need to make the public aware of the need to shape security in various areas of the organisation's functioning [P7S_KK_01],

2. The student is able to perceive cause-and-effect relations in realisation of set objectives and rank the significance of alternative or competitive tasks related to improvement of work safety, taking into account pro-ecological solutions [P7S_KK_02].

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Formative Assessment:

Lecture: based on responses to current questions regarding issues discussed during the lecture.

Summative Assessment:

Lecture: passing in the form of a test in which at least one answer is correct (a response is scored as 0 or 1); a student passes after achieving at least 85% of the possible points.

Programme content

Lecture: Selected legal regulations in the field of labor law related to occupational safety and health, including: rights and duties of students and the University in the area of occupational safety and health, and liability for violations of occupational health and safety regulations and principles, accidents and illnesses, prevention in the field of student health protection. The impact of hazardous, harmful, and annoying factors on safety and health. Assessment of threats occurring in learning and working processes and characteristics of methods of protection against threats. Problems related to the organization of workstations, including principles of ergonomics, including workstations equipped with

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screen monitors and other office devices. Procedures in the event of accidents and emergency situations (e.g., fire, failure), including the principles of providing pre-medical first aid to accident victims.

Teaching methods

Teaching Methods Lecture: The subject is conducted in the form of a conventional informational lecture, supported by multimedia presentations. During the lecture, problem-solving and student-activating methods are used, involving educational films and the analysis of typical situations - case studies.

Bibliography

Basic

1. Statute of the Poznan University of Technology adopted by the Senate of the Poznan University of Technology (Resolution No. 175/2016-2020 of 10 July 2019).
2. Regulations for full-time and part-time first and second degree studies, adopted by the Senate of the Poznan University of Technology (Resolution No. 42/2020-2024 of 31 May 2021).
3. Regulation of the Minister of Science and Higher Education of 30 October 2018 on the method of ensuring safe and hygienic working and learning conditions at universities (Journal of Laws 2018, item 2090).

Additional

1. Act of 20 July 2018, Law on Higher Education and Science (consolidated text: Journal of Laws 2021, item 478, as amended).

2. Górny A., Use of Technical and Organizational Measures to Improve the Work Conditions, Economic Sciences Review, 2017, no 24, p. 205-216.

3. Kamińska J., Tokarski T., Knowledge and usage of rules of ergonomics at computer workstations, Centralny Instytut Ochrony Pracy - Państwowy Instytut Badawczy, 2012, no 2, p. 24-26.

Breakdown of average student's workload

	Hours	ECTS
Total workload	4	0,0
Classes requiring direct contact with the teacher	4	0,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) [1]	0	0

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[1] delete or add other activities as appropriate