



COURSE DESCRIPTION CARD - SYLLABUS

Course name

A Short Course in Occupational Safety [S1MiTPM1>BHP]

Course

Field of study	Year/Semester
Materials and technologies for automotive industry	1/1
Area of study (specialization)	Profile of study
–	general academic
Level of study	Course offered in
first-cycle	Polish
Form of study	Requirements
full-time	compulsory

Number of hours

Lecture	Laboratory classes	Other
4	0	0
Tutorials	Projects/seminars	
0	0	

Number of credit points

0,00

Coordinators

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Lecturers

Prerequisites

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

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 basic knowledge of occupational safety management, including the knowledge necessary to understand the social, economic, legal, ethical and other non-technical conditions of engineering activities.

Skills:

1. The student is able to communicate using various techniques in a professional and other environments. The student is able to use information and communication techniques appropriate for

the safe implementation of tasks typical for engineering activities, including organizing team work.
2. The student has the necessary preparation to work in an industrial environment and knows the safety rules related to this work.

Social competences:

1. The student is able to properly determine priorities for the safe implementation of a task specified by himself or others.

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

Selected legal regulations in the field of labor regarding occupational health and safety; The impact of dangerous, harmful and burdensome factors on safety and health; Problems related to the organization of safe workplaces; Accidents at university and at work; Basic principles of fire protection and providing first aid

Course topics

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 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. Ustawa z dnia 3 marca 2022 r., Prawo o szkolnictwie wyższym i nauce (tekst jedn.: Dz.U. 2022 poz. 574).
2. Górny A., Zastosowanie środków technicznych i działań organizacyjnych w poprawie warunków pracy, Studia Ekonomiczne Regionu Łódzkiego, 2017, nr 24, ss. 205-216.
3. Kamińska J., Tokarski T., Znajomość i stosowanie zasad ergonomii na stanowiskach komputerowych, Centralny Instytut Ochrony Pracy - Państwowy Instytut Badawczy, 2012, nr 2, ss. 24-26.

4. Czernecka W. (2022), Including occupational risk assessment in the workstation description sheet as a factor contributing to increasing the risk perception of employees [w:] Proceedings of the 39th International Business Information Management Association Conference (IBIMA), 30-31 May 2022, Granada, Spain, IBIMA Publishing, s. 132-138.

Breakdown of average student's workload

	Hours	ECTS
Total workload	4	0,00
Classes requiring direct contact with the teacher	4	0,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	0	0,00