



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

BHP - Occupational Health and Safety

### Course

Field of study

Teleinformatics

Year/Semester

1/1

Area of study (specialization)

Profile of study

general academic

Level of study

second-cycle studies

Course offered in

Polish

Form of study

full-time

Requirements

compulsory

### Number of hours

Lecture

4

Laboratory classes

0

Other (e.g. online)

Tutorials

0

Projects/seminars

0/0

### Number of credit points

0

### Lecturers

Responsible for the course/lecturer:

Responsible for the course/lecturer:

dr hab. inż. Beata Mrugalska, prof. PP  
Wydział Inżynierii Zarządzania  
Instytut Inżynierii Bezpieczeństwa i Jakości  
ul. J. Rychlewskiego 2  
60-965 Poznań  
tel. 61 665 33 64  
email: beata.mrugalska@put.poznan.pl

### Prerequisites



A student should have knowledge about the basic hazards to human health and life, be able to apply the knowledge they have learned throughout the entire study process and be able to take responsible action in an emergency.

### Course objective

To familiarize students with safety, hygiene at work and fire protection regulations in force at the Poznan University of Technology.

### Course-related learning outcomes

#### Knowledge

The student has basic knowledge of safety - K1\_W08

The student has basic knowledge of risk assessment in the process of study and work - K1\_W08

The student has basic knowledge of the impact of safety on health - K1\_W08

#### Skills

The student is able to obtain information from literature, databases and other properly selected sources, necessary to ensure safe functioning at the Poznan University of Technology, as well as draw conclusions and formulate and justify their opinions - K2\_U03

The student is able to plan his own tasks and tasks of other members of the group using the principles of occupational health and safety appropriate for obtaining safety during the stay at the Poznań University of Technology - K2\_U06

The student is able to manage the work of the team, taking care of his and the group's health - K2\_U06

The student is able to react to deviations from planned activities in the field of occupational health and safety - K2\_U06

#### Social competences

The student knows the limitations of his own knowledge and understands the need to update it in the field of occupational health and safety - K2\_K01

The student understands the impact of own work on the results of the team and the need to comply with the rules of working in a team while maintaining the principles of occupational health and safety in force at the Poznań University of Technology - K2\_K02

Is aware of the need to act professionally in accordance with the principles of occupational health and safety in force at the Poznań University of Technology - K2\_K03

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Written test where at least one answer is correct (the answer is scored as 0 or 1); the credit is obtained after obtaining at least 50% of the points possible to get.

### Programme content



Legal regulations regarding health and safety at work, including:

- a) the rights and obligations of students at the University in the field of occupational health and safety and liability for violation of health and safety rules and regulations,
- b) accidents and diseases,
- c) prevention in the field of student health protection.

Impact of hazardous, harmful and nuisance factors on safety and health. Risk assessment of factors occurring in the processes of learning and working and in the field of methods of protection against threats to the health and life of students.

Problems related to the organization of workplaces, including ergonomics, including workstations with screen monitors and other office equipment.

Procedure in the event of accidents and emergency situations (e.g. fire, breakdown), including first aid in the case of an accident.

Legal regulations regarding health and safety at work, including:

- a) the rights and obligations of students at the University in the field of occupational health and safety and liability for violation of health and safety rules and regulations,
- b) accidents and diseases,
- c) prevention in the field of student health protection.

Impact of hazardous, harmful and nuisance factors on safety and health. Risk assessment of factors occurring in the processes of learning and working and in the field of methods of protection against threats to the health and life of students.

Problems related to the organization of workplaces, including ergonomics, including workstations with screen monitors and other office equipment.

Procedure in the event of accidents and emergency situations (e.g. fire, breakdown), including first aid in the case of an accident according to the European Resuscitation Council.

Management and risks of cardiopulmonary resuscitation (CPR) in COVID-19 patients.

## Teaching methods

Lecture: multimedia presentation, films

## Bibliography

### Basic

Statut Politechniki Poznańskiej uchwalony przez Senat Akademicki Politechniki Poznańskiej  
Regulamin studiów stacjonarnych i niestacjonarnych pierwszego i drugiego stopnia, uchwalony przez Senat Akademicki Politechniki Poznańskiej  
Rozporządzenie Ministra Nauki i Szkolnictwa Wyższego z dnia 30 października 2018 r. w sprawie sposobu zapewnienia w uczelni bezpiecznych i higienicznych warunków pracy i kształcenia (Dz. U. 2018, poz. 2090).

### Additional

Konarska M., Gedliczka A. (2001), Sprawdź, czy twoje stanowisko pracy z komputerem jest ergonomiczne, Centralny Instytut Ochrony Pracy, Warszawa.

Europejska Rada Resuscytacji (2020). Wytyczne COIV-19.

[https://prc.krakow.pl/ERC\\_Gaudlines/PL/ERC\\_covid19\\_pages\\_full\\_PL.pdf](https://prc.krakow.pl/ERC_Gaudlines/PL/ERC_covid19_pages_full_PL.pdf)



### 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	0	0.0