



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Occupational health and safety

Course

Field of study

Electronics and Telecommunications

Area of study (specialization)

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

English

Requirements

compulsory

Number of hours

Lecture

4

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

Number of credit points

0

Lecturers

Responsible for the course/lecturer:

Beata Mrugalska, PhD, DSc, Eng.

Responsible for the course/lecturer:

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

Knows the basic principles of occupational health and safety.

Skills

1. Is able to obtain information from literature and databases as well as other sources in Polish or English; is able to integrate obtained information, interpret it, draw conclusions and justify opinions
2. Is able to apply the principles of occupational health and safety

Social competences

1. Knows the limits of own knowledge and skills, understands the need of training
2. Has a sense of responsibility for the designed electronic and telecommunications systems and is aware of the potential dangers for other people or society of their improper use

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 60% 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.

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.

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	0,0

¹ delete or add other activities as appropriate