



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

OCCUPATIONAL HEALTH AND SAFETY (OHS) TRAINING

### Course

Proposed by Discipline

-

Year/Semester

I/1

Type of studies

Course offered in

Doctoral School

English

Form of study

Requirements

full-time

compulsory

### Number of hours

Lecture

Tutorials

Projects/seminars

4

### Number of credit points

### Lecturers

Responsible for the course/lecturer:

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Responsible for the course/lecturer:

### Prerequisites

Knowledge: basic knowledge of mechanics.

Skills: following new procedures.

Social competencies: is responsible for others and able to follow the health and safety rules, can cooperate within a team.

### Course objective

To acquaint doctoral students with the directives and regulations concerning safety, hygiene at work and fire protection; and gathering knowledge in the field of:

- assessment of hazards related to work and study,
- methods of protection against health and safety risks,
- shaping working and learning conditions in a manner consistent with the provisions and principles of occupational health and safety,
- proceedings in the event of an accident and emergency situations.



### Course-related learning outcomes

#### Knowledge

A PhD student who graduated from doctoral school knows and understands:

- 1) fundamental dilemmas of contemporary civilization, [P8S\_WK/SzD\_W05]
- 2) economic, legal, ethical and other important conditions of research work. [P8S\_WK/SzD\_W06]

#### Skills

A PhD student who graduated from doctoral school can:

- 1) communicate on the subject of specialization to a degree permitting active participation in international scientific community. [P8S\_UK/SzD\_U04]

#### Social competences

A PhD student who graduated from doctoral school is ready to:

- 1) fulfilling the social obligations of researchers and creators. [P8S\_KO/SzD\_K04]

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

PQF code	Methods for verification of learning outcomes	Assessment criteria
W05, W06	test	number of correct answers 66%
U04	test	number of correct answers 66%
K04	test	number of correct answers 66%

### Programme content

1. Basic health and safety issues (principles of safe work, methods of dealing with hazards).
2. First aid (help in cases of cardiac arrest, burns, wounds, etc).
3. Crisis situations (procedures in case of fire and other threats to life).
4. Ergonomics (principles of health maintain at work).

### Teaching methods

Lecture: multimedia presentation including illustrations and examples.



## Bibliography

### Basic

1. Regulation of the Minister of Science and Higher Education of July 5, 2007. on health and safety at work at universities: (OJ 2007.128.897).
2. Regulation of the Minister of Labor and Social Policy of May 28, 1996. on detailed principles of training in the field of occupational health and safety (Journal of Laws No. 62, item 285).
3. Regulations regarding safety at the Poznan University of Technology.

### Additional

1. Butlewski M. (2012). The issue of product safety in contemporary design. Safety of the System, Technical, Organizational and Human Work Safety Determinants. Red. Szymon Salamon. Wyd. PCzest. Czestochowa, 1428-1600.
2. Butlewski M., Sławińska, M., (2014) Ergonomic method for the implementation of occupational safety systems, Occupational Safety and Hygiene II - Selected Extended and Revised Contributions from the International Symposium Occupational Safety and Hygiene, SHO 2014, pp. 621-626.
3. Butlewski M., Misztal A., Jasiulewicz-Kaczmarek M., Janik S., Ergonomic And Work Safety Evaluation Criteria Of Process Excellence In The Foundry Industry, Metalurgija, 53 (2014) 4, 701-704.

## Breakdown of average student's workload

	Hours	ECTS
Total workload	8	1.0
Classes requiring direct contact with the teacher	6	0.5
Student's own work (literature studies, preparation for lectures, task development) <sup>1</sup>	2	0.5

<sup>1</sup> delete or add other activities as appropriate