



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Occupational Health and Safety [N1Trans1>BHP]

### Course

Field of study

Transport

Year/Semester

1/1

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

polish

Form of study

part-time

Requirements

compulsory

### Number of hours

Lecture

4

Laboratory classes

0

Other (e.g. online)

0

Tutorials

0

Projects/seminars

0

### Number of credit points

0,00

### Coordinators

dr inż. Wiesław Grzybowski

wieslaw.grzybowski@put.poznan.pl

### Lecturers

dr inż. Wiesław Grzybowski

wieslaw.grzybowski@put.poznan.pl

### Prerequisites

The student recognizes the basic threats to health and life that are related to functioning at the University. The student is able to apply the acquired knowledge during the entire study process. The student is capable of taking responsible actions in an emergency.

### Course objective

Familiarizing students with the provisions, management and regulations concerning health, safety and fire protection at the Poznań University of Technology.

### Course-related learning outcomes

Knowledge:

The student has an ordered, theoretically founded general knowledge of technology, transport systems and various means of transport

Skills:

The student is able to take into account in the process of formulating and solving tasks in the field of transport engineering also non-transport aspects, in particular social, legal and economic issues

Student is able to assess - at least in a basic scope - various aspects of the risk associated with a transport project

The student has the preparation necessary to work in a business environment, including an industrial environment, and knows the safety rules related to the profession of a transport engineer

Social competences:

The student is aware of the importance of knowledge in solving engineering problems, knows examples and understands the causes of malfunctioning transport systems that have led to serious financial and social losses or to serious loss of health and even life

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

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Formative assessment:

- lecture classes: on the basis of answers to current questions concerning the issues discussed during the lecture

Summative assessment:

- lectures: written test in the form of a test in which at least one answer is correct (the answer is scored as 0 or 1); the pass is obtained after obtaining at least 85% of the possible points.

### Programme content

Selected legal regulations in the field of labor law regarding occupational health and safety, including:

a) the rights and obligations of students and the University in the field of occupational health and safety and liability for violation of health and safety regulations and principles,

b) accidents and diseases,

c) preventive measures in the protection of students' health.

The impact of dangerous, harmful and burdensome factors on safety and health. Assessment of threats with factors occurring in the processes of study and work and in the field of methods of protection against threats to the health and life of students. Problems related to the organization of workstations, taking into account the principles of ergonomics, including workstations equipped with screen monitors and other office equipment.

Proceedings in the event of accidents and in emergency situations (e.g. fire, failure), including the principles of providing first aid in the event of an accident.

### Teaching methods

Multimedia presentation

### Bibliography

Basic

1. Regulamin studiów.

2. Statut Politechniki Poznańskiej uchwalony przez Senat Akademicki Politechniki Poznańskiej (Uchwała Nr 154 z dnia 30 listopada 2011 r., wraz ze zmianami wprowadzonymi Uchwałami Nr 170 z dnia 28 marca 2012 roku i Nr 138 z dnia 28 stycznia 2015 r.).

3. Regulamin studiów stacjonarnych i niestacjonarnych pierwszego i drugiego stopnia, uchwalony przez Senat Akademicki Politechniki Poznańskiej (Uchwała Nr 142/2012-2016 z dnia 25 marca 2015 r.).

4. 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

1. Przepisy prawa dotyczące omawianych zagadnień.

2. Ustawa z dnia 20 lipca 2018 r., Prawo o szkolnictwie wyższym i nauce (Dz.U. 2018 poz. 1668, ze zm.).

3. 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	0,00
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