COURSE DESCRIPTION CARD - SYLLABUS

Course name
Health safety [S2IBiJ1-BiZK>BZ]

Course

Field of study
Safety and Quality Engineering

Year/Semester
1/2

Area of study (specialization)
Safety and Crisis Management

Profile of study
general academic

Level of study
second-cycle

Course offered in
Polish

Form of study
full-time

Requirements
elective

Number of hours

Lecture
15

Laboratory classes
0

Other
0

Tutorials
15

Projects/seminars
15

Number of credit points

4,00

Coordinators

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Lecturers

Prerequisites

The student has knowledge of health hazard factors (also related to work); He can identify and assess health threats, as well as estimate the risk associated with them and propose activities regarding increased health safety. The student is aware of the relationship between the risk of health threats and the consequences that the risk can generate.

Course objective

The aim of the subject is to acquire knowledge on health safety management and the functioning of the Polish healthcare system. In a practical terms, the goal is to acquire the ability to use properly selected methods of identifying health hazards to conduct preventive activities at the organizational level, also in crisis situations.

Course-related learning outcomes

Knowledge:
1. The student knows to an in-depth degree the development trends and the best practices of safety management in organizations locally and globally [K2_W04].
2. The student has an in-depth knowledge of the fundamental dilemmas of modern civilization,

including legal, political, economic, ethical and moral transformations related to safety engineering and crisis management [K2_W11].

Skills:
1. The student is able to properly select sources, including literature, and information from them, as well as to evaluate, critically analyze, synthesize and creatively interpret this information, formulate conclusions and comprehensively justify the opinion when presenting the results of research on health safety [K2_U01].
2. The student is able to identify changes in requirements, standards, regulations, innovations and technical progress and economic reality and use them appropriately in solving health safety problems in the field of safety engineering and emergency management [K2_U06].
3. The student is able to identify and recognize hazards in the work environment, assess their impact on the individual, the organization and its intersectors, and identify methods of action aimed at minimizing the effects of hazards on the health and psychosocial well-being of employees [K2_U10].

Social competences:
1.The student correctly identifies and resolves dilemmas related to security in the broadest sense, understands the need to make the public aware of the need to form health safety both in the organization and in the social environment [K2_K02].
2. The student is prepared to reliably perform professional roles resulting from current economic and social needs, taking into account the principles of safety and responding to the need for emergency management conditions [K2_K06].

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Forming assessment:
Lecture: Knowledge is verified by short tests after the third and sixth didactic unit regarding the solving of the problem task. Complementary threshold: 51%.
Exercises: Social skills and competences are verified by issuing partial grades resulting from performing work in teams, rewarding activity and independent problem solving. Complementary threshold: 51%.
Project: Assessment of individual stages of projects. Complementary threshold: 51%.
Summary assessement:
Lecture: Knowledge is verified through an exam covering basic concepts related to health safety, including health safety management processes in the organization based on the Agenda 2030. Credictable threshold: 51%.
Exercises: average partial grade. Complementary threshold: 51%.
Project: Assessment from the employees' health safety management plan prepared by students in the selected organization. Complementary threshold: 51%.
Rating scale:
91-100 - 5
81-90 - 4,5
71-80 - 4
61-70 - 3,5
51-60 - 3

Programme content

Issues related to health safety management in the light of the assumptions of the concept of sustainable development. Contemporary health threats and ways to minimize them.

Course topics

Lecture:
Evolution of the concepts of health and disease. Health in human rights systems. Social determinants of health. Health threats to humans in the era of globalization. Conceptualization of health security. Health security - component features. New concepts in health security: health consciousness, health competencies, health skills. Health security management in the light of the assumptions of Agenda 2030. Health security management in a crisis situation. Psychosocial resources in the formation of pro-health behavior.

Exercises:
Analysis of contemporary threats to health. Identification of causes and consequences of the main problems of employee health. Identification of methods to prevent pathologies and promote the health and well-being of employees. Identification of methods to reduce occupational stress leading to conflicts at work and contributing to the formation of civilian somatic and mental diseases. Management of health safety of employees in emergency situations - analysis of good practices. Project: preparation of an employee health safety management plan in a selected organization.

Teaching methods

Lecture:
- information lecture, conversation lecture, multimedia presentation.
The lecture is conducted using distance learning techniques in a synchronous mode. Acceptable platforms: eMeeting, Zoom, Microsoft Teams.
Exercises:
- exposing methods (multimedia presentation, film, show), panel discussion, case study, brainstorming, practical exercises.
Design:
- multimadial presentation, case study

Bibliography

Basic:
1. Sadłowska-Wrzesińska J., Lewicki L., Podstawy bezpieczeństwa i zdrowia w pracy, Wydawnictwo WSL, Poznań 2018.
2. Wojtczak A., Aktualne wyzwania zdrowotne społeczeństw, CeDeWu, Warszawa 2018.
3. Borkowski M., Krawczyk C., Sadowska E., Bezpieczeństwo zdrowotne - istota, pojęcie, ewolucja, Libron, Kraków 2021.
4. Agenda 2030, dostęp: https://kampania17celow.pl/agenda-2030/

Additional:
1. Sabadasz A., Krzyżańska N., Ziejewska A., Czernecka W., Praktyczne zastosowania paradygmatu projektowania uniwersalnego- studium przypadku w obrębie kampusu „Piotrowo" w ocenie bezpieczeństwa studentów i wykładowców, [w:] Bezpieczeństwo osób starszych w przestrzeni miejskiej. Analiza doświadczeń, wnioski i rekomendacje z uwzględnieniem okresu pandemii SARS-CoV-2, red. M. Tomaszyk, Wydawnictwo naukowe FNCE, Poznań 2021, s. 321- 341.
2. Łuszczyńska A., Zmiana zachowań zdrowotnych: dlaczego dobre chęci nie wystarczają? Gdańskie Wydawnictwo Psychologiczne, Gdańsk 2004.
3. Konieczny J., Środowisko bezpieczeństwa zdrowotnego w badaniach transdyscypinarnych. FNCE, Poznań 2022.
4. Harari Y. N., 21 lekcji na XXI wiek, Wydawnictwo Literackie, Kraków 2018.
5. Diamond J., Kryzysy. Punkty zwrotne dla krajów w okresie przemian, Wydawnictwo Zysk i S-ka, Poznań 2021.
6. Sadłowska-Wrzesińska J., Piosik, K., Nejman, Ż. (2022). Psychosocial Context of OSH-Remote Work of Academic Teachers in the Perspective of Sustainable Development , International Journal of Environmental Research and Public Health, 19, 022, pp. 14783-1-14783-16.

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,00
Classes requiring direct contact with the teacher	45	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	55	2,00