

# SYLLABUS

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INTERNATIONAL EUROPEAN  
UNIVERSITY



EUROPEAN SCHOOL  
OF BUSINESS

Health and Safety, Labor Protection and Civil Defense **2024**



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1	Course title and educational program
	Health and Safety, Labor Protection and Civil Defense For all specialties
2	Course description
	Ensuring life safety, particularly in emergencies, is an extremely relevant issue. The course focuses on modern concepts of the general principles of life safety, the classification of emergencies, and the specific aspects of behavior in case of them, as well as the concept of socially dangerous actions. To facilitate efficient and conscious learning of the theoretical material, the publication includes self-assessment questions, closed- and open-ended test assignments, tasks, and specialized crosswords.
3	Prerequisites for study
	Health and Safety, Labor Protection and Civil Defense are based on the knowledge previously acquired by students at the pre-university level in General Biology, Human Biology, Animal Biology, and Plant Biology.
4	Number of credits/hours
	3 ECTS credits / 90 academic hours
5	Mode of study
	Blended learning
6	Classroom location
	<a href="https://medicine.ieu.edu.ua/pro-yemsh/kafedry/kafedra-fundamentalnykh-dystsyplin">https://medicine.ieu.edu.ua/pro-yemsh/kafedry/kafedra-fundamentalnykh-dystsyplin</a>
7	Lecturer's full name
	<b>Viktoriia Kovalenko, PhD in Biology</b> , Associate Professor, Head of the Department of Fundamental, Medical and Preventive Disciplines
8	Department
	Department of Fundamental, Medical and Preventive Disciplines





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9	Office location
42V Akademika Hlushkova Ave., Kyiv, room 511	
10	Consulting
Every Wednesday from 2 p.m. to 3:30 p.m. by appointment via corporate e-mail	
11	Lecturer's e-mail address
<a href="mailto:victoriakovalenko@ieu.edu.ua">victoriakovalenko@ieu.edu.ua</a>	
12	Course objectives
To gain not only theoretical knowledge but also practical skills for safe behavior, including: the ability to assess the environment and identify hazards of various natures; knowledge of the fundamental rules of personal and collective safety in hazardous situations of different origins and in the workplace; the ability to independently make reasoned decisions and to take urgent measures in case of dangerous or emergency situations.	
13	The role of the academic discipline in achieving program learning outcomes
PLO 2. To keep moral, cultural, scientific values, as well as multiply achievements of society and use different types and forms of physical activity for a healthy lifestyle. PLO 18. To identify ecological, economic, and legal consequences of enterprise operations in the context of sustainable development of society.	
14	Learning outcomes
After learning the course, students will be able to: <ul style="list-style-type: none"><li>- analyze mechanisms of hazards' impact on people and determine the nature of interactions between the human body and environmental hazards, taking into account the specific nature of hazardous factors' mechanisms of action;</li><li>- assess living and working environments for personal, collective, and societal safety, ensuring they meet conditions for preventing accidents, incidents, and emergencies;</li><li>- monitor hazardous situations based on modern advancements in occupational safety and civil protection.</li><li>- justify and ensure the comprehensive implementation of measures for collective and personal safety.</li><li>- provide assistance and consultations to employees and the public on practical issues of occupational safety and civil defense.</li></ul>	



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## 15 Course content

**Topic 1.** Categorical and conceptual apparatus of health and safety. Classification of hazards as a factor of safety.

**Topic 2.** Safety in the human-technology-environment system. risk as a criterion and object of safety assurance.

**Topic 3.** Natural emergencies.

**Topic 4.** Technogenic hazards and protection against them.

**Topic 5.** Social and political hazards and protection against them.

**Topic 6.** General issues of occupational safety. Legislative and regulatory framework of Ukraine on occupational safety.

**Topic 7.** State policy in civil defense in Ukraine under emergency conditions.

**Topic 8.** First aid for victims in case of emergencies.

## 16 Books and materials

1. O.H. Levchenko et al. Health and Safety and Civil Defense. Textbook. / O.H. Levchenko, O.I. Polukarov, N.A. Prakhovnyk, O.V. Zemlianska / Edited by O.H. Levchenko. – K.: Osnova, 2018. – 364 p.
2. Y.Y. Horokhovskiyi. Life Safety: Lecture Notes for Bachelor's Students of All Knowledge Areas. Zaporizhzhia: ZNU, 2020. 105 p.
3. Life Safety / T.Y. Stytsenko, N.M. Serdiuk, H.V. Proniuk, I.I. Khondak // Study Guide. – Kharkiv: KhNURE, 2018. – 336 p.
4. Fundamentals of Occupational Safety / O.I. Zaporozhets, O.S. Protoiereyskiy, H.M. Franchuk, I.S. Borovyk. Kyiv, 2019. 264 p.
5. Y.V. Kuris, K.V. Bielokon, V.H. Ryzhkov. Fundamentals of Occupational Safety: Study Guide. Zaporizhzhia: ZDIA, 2015. 180 p.
6. K.V. Bielokon, L.A. Surzhytska, V.A. Tsymbal, A.A. Karnaukh. Civil Protection: Lecture Notes. Zaporizhzhia: ZDIA, 2015. 70 p.

## 17 Course technical requirements

To work on the Health and Safety, Labor Protection and Civil Defense course, you will need regular access to a computer (or phone) and the Internet. To successfully study and pass the course exam, you should initially explore online platforms (Classroom) and study all folders that already contain or will contain information or materials for the course. You will also need to create and upload documents, upload the accomplished task, as well as watch or create videos. Online platforms can only be accessed using a corporate email. If you are unable to access the course, you should inform the Dean's Office of the EMS, your class representative, or the course lecturer directly.

## 18 Learning process

The course consists of lectures and practical classes.

Lectures use the following training methods:

lecture, problem-oriented lecture, conversation lecture, discussion lecture, demonstration, analysis of case studies according to the lecture topic.

Practical classes use the following training methods:

questioning, testing, performing individual and team tasks, case studies, think-pair-share, preparation of reports and presentations, work in small groups, solving specific tasks and situations, brainstorming.



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## 19 Discipline features

Period of teaching	Semester	International disciplinary integration	Year of study	Courses: general training/professional training/elective
1 semester	1 <sup>st</sup> semester	available	1 <sup>st</sup> year	General training

## 20 Assessment policy

Knowledge and skills assessment throughout the semester is carried out in various ways. The lecturer assesses class attendance, participation during lectures or practical classes, and engagement in discussing control questions. They also assess the quality and timely completion of tasks and tests, the ability to present reports, and the performance of independent work.

Activities during the semester	Maximum amount of points during the semester
Current work (attendance, oral questioning, participation in the discussion) (5 during the semester)	5 (1x5)
Solving situational tasks and tests (8 during the semester)	40 (5x8)
Crosswords (3 during the semester)	15 (3x5)
Test work (1)	40

## 21 Grading scale

The minimum amount of points that should be obtained by students for current educational activities during a semester to be admitted to the final control is 36 points. The grade for the discipline is defined as a sum of the final points for current activities and the points for the final control and is expressed due to the multipoint scale.

The grade for the discipline completing with the exam is determined as the sum of points for current learning activities (at least 36), points for individual independent work of students (no more than 6), and points for the exam (at least 24).

The overall points of the discipline are 100. The total grade for the discipline is given according to the national and European scale.

The final control in the form of an exam is carried out after learning all the topics of the discipline, during the examination session.

The overall final grade in points according to the national and ECTS scales is put into the examination and test register, academic card, and credit book of students.

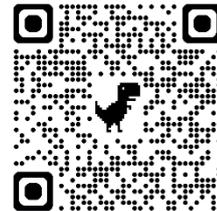
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Grading scale

### National and ECTS grading scale

Sum of points for all types of educational activities	ECTS grade	Grade according to the national scale	
		for exam, term paper, practical training	for Pass/Fail test
90-100	A	excellent	pass
82-89	B	good	
74-81	C		
66-73	D	satisfactory	
60-65	E		
30-59	FX	fail with possible repeated pass	fail with possible repeated pass
1-29	F	fail with obligatory repeated learning of the discipline	fail with obligatory repeated learning of the discipline

QR Code:



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How to find out your grade

To check your grades for tasks and read your lecturer's comments, you should check appropriate tabs on the Classroom distance learning platform.

You can also obtain information about your grades directly from the course lecturer via corporate e-mail or by appointment on consulting days (room 423).

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Course policy

To ensure fruitful learning and cognitive activities of students while studying the discipline, one holds relevant lectures in the form of presentations, group work, and discussion seminars.

During classes and at IEU, students should respect lecturers, staff, and other students, attend classes according to the schedule, come on time, and not leave classes without lecturer's permission. All academic assignments should be performed by the deadlines.

The teaching staff should constantly advance their professional level, teaching skills, general culture, as well as provide students with appropriate conditions for learning educational programs according to the requirements for the content, level and capacity of education, and encourage their comprehensive professional development.

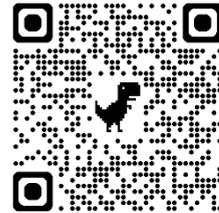
Lecturers should follow the curriculum, not be late for classes, not allow any manifestations of corruption, discrimination, bullying, harassment and infringement of the students' rights.

Students who miss the current control for *valid reasons* confirmed by documents have the right to take current control **within two weeks** after returning to studying.

Students who have missed classes *without valid reasons*, have not participated in current control activities, have not liquidated academic failure are not admitted to the final semester control of this discipline. In this case, an academic staff member puts a mark 'non-admission' in the exam record.

Repeated taking of the exam in the discipline is appointed in case of accomplishing all types of educational, independent (individual) work stipulated by the working program of the academic discipline and is carried out according to the approved schedule of academic failure liquidation.

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All participants in the educational process rely on the academic integrity principles.

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Tasks should be submitted via Classroom or Moodle by the deadlines stipulated in the course schedule on our website. Most tasks should be performed by 9 a.m. on the day of the next class to coordinate them with the course content and group activities. It is best practice to perform tasks as soon as possible after receiving them so that you have enough time to take an active part in the class.

If you need more time to perform the task, flexible deadlines are available. Completed tasks will be accepted until full credit until the last scheduled class in the discipline. Afterwards, the 40% partial credit based on the grade will be awarded within a week after the last day of class. Tasks that are not submitted at all will receive 0.

If you are going to miss classes for more than one week due to illness or other reasons, please contact your lecturer to arrange alternative options for performing tasks.



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25 Late task performance, correction of grades, making up missed classes

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26 Lecturer's response time

Via corporate e-mail, within a week.

27 Efficient communication

Efficient communication is not only the ability to say but also the ability to hear!!!

Therefore, the main recommendations for efficient communication include: corporate e-mail directly to the course lecturer; personal communication with classmates via social media/corporate e-mails/mobile phones; communication directly in the course on Classroom distance platforms; and a face-to-face meeting with the lecturer on consulting days.

28 Policy of publication and distribution of course materials

Students are not allowed to post, publish, sell, or otherwise publicly distribute course materials without the written permission of the lecturer!

Such materials include, but are not limited to: lecture notes, lecture slides, video or audio recordings, tasks, problem sets, exams, other students' work, and answer keys.

Students who sell, post, publish, or distribute course materials without written permission in order to get answers or otherwise can be subject to disciplinary action, up to and including being required to withdraw from the course. Besides, students are not allowed to make video or audio recordings of the class for their own use without the written permission of the lecturer.

29 Expected student workload and engagement

During this course, you should allocate some hours for independent study of some lecture materials in accordance with the course topics (approximately 5-6 hours per week).

If you face circumstances requiring you to spend more time on any of the tasks, please inform your lecturer by e-mail.

The deadline for submission can be extended only if the lecturer is informed in advance that you will not be able to submit the task on time. Students are expected to have a backup plan in case of computer malfunctions or Internet outages.



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Support services

E-schedule  
Library  
Supervisor  
Repository  
Dean's  
Office

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Course schedule

<b>Topic 1.</b> Categorical and conceptual apparatus of health and safety. Classification of hazards as a factor of safety.	<ol style="list-style-type: none"><li>1. Oral questioning</li><li>2. Practical tasks</li><li>3. Tests</li><li>4. Think-pair-share</li></ol>
<b>Topic 2.</b> Safety in the human-technology-environment system. risk as a criterion and object of safety assurance.	<ol style="list-style-type: none"><li>1. Oral questioning</li><li>2. Practical tasks</li><li>3. Tests</li><li>4. Situational tasks</li></ol>
<b>Topic 3.</b> Natural emergencies.	<ol style="list-style-type: none"><li>1. Oral questioning</li><li>2. Practical tasks</li><li>3. Tests</li><li>4. Crosswords</li></ol>
<b>Topic 4.</b> Technogenic hazards and protection against them.	<ol style="list-style-type: none"><li>1. Oral questioning</li><li>2. Solving practical tasks</li><li>3. Crossword</li><li>4. Tests</li></ol>
<b>Topic 5.</b> Social and political hazards and protection against them.	<ol style="list-style-type: none"><li>1. Oral questioning</li><li>2. Solving practical tasks</li><li>3. Crossword</li></ol>
<b>Topic 6.</b> General issues of occupational safety. Legislative and regulatory framework of Ukraine on occupational safety.	<ol style="list-style-type: none"><li>1. Oral questioning</li><li>2. Solving practical tasks</li><li>3. Tests</li></ol>
<b>Topic 7.</b> State policy in civil defense in Ukraine under emergency conditions.	<ol style="list-style-type: none"><li>1. Oral questioning</li><li>2. Tests</li><li>3. Presentation of reports</li><li>4. Checking questions submitted for independent study</li></ol>
<b>Topic 8.</b> First aid for victims in case of emergencies.	<ol style="list-style-type: none"><li>1. Oral questioning</li><li>2. Solving practical and situational tasks</li><li>3. Tests</li><li>4. Think-pair-share</li><li>5. Acquisition of practical skills</li></ol>



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## Tips on successful study during the course

**“Tell me and I forget. Teach me and I remember. Involve me and I learn,” Benjamin Franklin said.**

If you want to succeed in this discipline, you should be:

- persistent, attentive and curious;
- creative, cheerful, and open to communication and discussions;
- ready to acquire and share information about the subject not only during lectures but also during extracurricular activities.

**See you at classes!**