

**PRIVATE HIGHER EDUCATIONAL INSTITUTION
"INTERNATIONAL ACADEMY OF ECOLOGY AND MEDICINE"
Department of Social Medicine and Preventive Medicine**

**SYLLABUS
EDUCATIONAL DISCIPLINE**

Occupational Health in

LEVEL OF HIGHER EDUCATION Second (master's) level
DEGREE OF HIGHER EDUCATION Master
FIELD OF KNOWLEDGE 22 Healthcare
SPECIALTY 221 Dentistry

Considered and approved
at a meeting of the Department of Social Medicine
and preventive medicine

Protocol № 1 from "01" 09 2020



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1. General information	
Subjects	Occupational Health in
Teacher (s)	Kucherenko N/
Teacher's contact phone number	-
Teacher's e-mail	Namyatov 1950@gmail.com
Discipline format	Normative discipline
The scope of discipline	90
Link to the distance learning site	Namyatov 1950@gmail.com
Consultations	Not on the program
2. Discipline abstract	
<p>Labor protection is a system of legal, socio-economic, organizational and technical, sanitary and health and prophylactic measures and means aimed at preserving life, human health and performance in the process of labor activity.</p> <p>The importance of occupational safety is that it is the main condition for the preservation of health and protection of man from the influence of harmful factors of the industrial environment.</p> <p>Labor protection as an integral component of the establishment of human life in production extends to all enterprises, institutions and organizations, regardless of the forms of their property and activities, on all citizens working, etc. Therefore, for violating the organization of labor protection, the same extent is responsible to the law as an employer (owner) and an employee (performer).</p> <p>The most important sign of interdisciplinary activity "Labor protection in the industry" is its connection with medical disciplines: life safety, basics of bioethics and biosafety, medical situations, radiation medicine, preparation of honey officers. Stock services, professional diseases, emergency and urgent medical care, etc.</p>	
3. The purpose and objectives of the discipline	
<p style="text-align: center;">The purpose of studying the discipline "Labor protection in the industry":</p> <ul style="list-style-type: none"> • Formation of future experts in knowledge, skills and competences to ensure effective management of labor protection in the medical sector; • Formation of future experts in knowledge, skills and competencies to create favorable conditions for the production environment and safety in the industry in accordance with the current legislative and other normative legal acts. <p style="text-align: center;">The task of the discipline "Labor protection in the industry":</p> <p>ensuring the preservation of life, health and performance of medical workers in industrial conditions through the application of a complex of legislative, organizational, engineering, sanitary and hygienic, medical and prophylactic and other measures aimed at prevention of occupational injuries and the emergence of professional and industrial diseases.</p>	
4. Learning outcomes (competencies)	
<p>As a result of studying the discipline "Labor Protection" students must:</p> <p style="text-align: center;">KNOW:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Influence of environmental factors on general public health. <input type="checkbox"/> Influence of factors of the production environment on health and life of medical workers. <input type="checkbox"/> Complex of legislative, organizational, engineering, technical, sanitary and hygienic, medical and preventive and other measures aimed at preventing occupational injuries and the emergence of professional and industrial diseases. <p style="text-align: center;">BE ABLE TO:</p> <ul style="list-style-type: none"> <input type="checkbox"/> draw conclusions about the factors of a negative impact on a medical worker during their professional activity. <input type="checkbox"/> Explain requirements for ensuring the safe professional activity of the doctor in modern conditions. <input type="checkbox"/> Intract key issues of legislative acts and normative documents for the security of professional activity of a medical worker. <input type="checkbox"/> draw conclusions about the presence of harmful factors of influence on a medical worker while performing professional duties. <input type="checkbox"/> Explain requirements for labor protection of medical personnel in modern conditions. <p style="text-align: center;">List of compulsory skills for future practice</p> <ol style="list-style-type: none"> 1. Apply the requirements of legislative and normative documents for the implementation of methods and means of labor protection system in medical institutions. 2. Apply the main forms of organization and management of labor protection of medical workers. 3. Detect harmful and dangerous factors of the production environment in the workplace of medical workers and give them a hygienic assessment. 4. To evaluate the organization of the workplace, medical equipment in LPU. 5. To predict the possibility of professional, industrial diseases, accidents, emergency situations. 6. To investigate and accounting for accidents, acute and chronic occupational diseases, cases of injuries in the medical sector. 7. Develop labor protection instructions for medical workers. 	

1. 8. Conduct training and check knowledge of labor protection.						
5. Organization of the study of the discipline						
<i>The volume of the course</i>						
Type of lesson		Total number of hours		90		
Lectures				10		
Seminars				20		
Independent work				60		
<i>Signs of the course</i>						
Semester	Specialty	Course (year of study)	Normative / selective			
5	221 Dentistry	3	Normative			
<i>Тематика курсу</i>						
Тема, план		Форма заняття	Література	Завдання, год.	Вага оцінки	Термін виконання
Theme 1. Legal and organizational foundations of occupational safety.		Л 1	1-4,7	Abstract	15	According to the schedule
Theme 2. Hygienic characteristics of working conditions of medical workers.		Л 2	1-4,7	Abstract	15	According to the schedule
Theme 3. Accidents and accidents in LPS, their investigation and accounting.		Л 3	1-4,7	Abstract	15	According to the schedule
Theme 4. Hygiene and labor protection in medical institutions.		Л 4	1-4,7	Abstract	15	According to the schedule
Theme 5. Fundamentals of industrial safety of medical workers.		Л 5	1-4,7	Abstract	15	According to the schedule
Theme 1. Legal and organizational foundations of occupational safety.		ПЗ 1	1-4,7	Working in pairs (individual tasks)	20	According to the schedule
Theme 2. Hygienic characteristics of working conditions of medical workers.		ПЗ 2	1-4,7	Working in pairs (individual tasks) 2 hours	20	According to the schedule
Theme 3. Accidents and accidents in LPS, their investigation and accounting.		ПЗ 3	1-4,7	Working in pairs (individual tasks) 2 hours	20	According to the schedule
Theme 4. Hygiene and labor protection in medical institutions.		ПЗ 4	1-4,7	Working in pairs (individual tasks) 2 hours	20	According to the schedule
Theme 5. Fundamentals of industrial safety of medical workers		ПЗ 5	1-4,7	Working in pairs (individual tasks) 2 hours	20	According to the schedule
Final control - score.		ПК	1-7	Tests 2 hours	20	According to the schedule
6. Course evaluation system						
The maximum number of points that a student can score for current educational activities for admission to the PC is 120 points.						
The minimum number of points that a student must score for the current academic activity for admission to the exam is 72 points. The calculation of the number of points is based on the grades obtained by the student						

on the traditional (national) scale during the study of the discipline during the semester, by calculating the arithmetic mean (CA), rounded to two decimal places.

Assessment of students' independent work. Students' independent work, which is provided by the topic of the lesson along with the classroom work, is assessed during the current control of the topic in the relevant lesson. Assimilation of topics that are submitted only for independent work is checked during the final module control.

Table 1. Conversion of the average grade for current activities in a multi-point scale (for disciplines that end with an exam (differentiated credit))

4-point scale	120-point scale	4-point scale	120-point scale	4-point scale	120-point scale	4-6point scale	120-point scale
5	200	4,47	179	3,94	158	3,42	137
4,97	199	4,45	178	3,92	157	3,4	136
4,95	198	4,42	177	3,89	156	3,37	135
4, 2	197	4,4	176	3,87	155	3,35	134
4,9	196	4,37	175	3,84	154	3,32	133
4,87	195	4,35	174	3,82	153	3,3	132
4,85	19	4,32	173	3,79	152	3,27	131
4,82	193	4,3	172	3,77	151	3,25	130
4,8	192	4,27	171	3,74	150	3,22	129
4,77	191	4,24	170	3,72	149	3,2	128
4,75	190	4,22	169	3,7	148	3,17	127
4,72	189	4,19	168	3,67	147	3,15	126
4,7	188	4,17	167	3,65	146	3,12	125
4,67	187	4,14	166	3,62	145	3,1	124
4,65	186	4,12	165	3,6	144	3,07	123
4,62	185	4,09	164	3,57	143	3,05	122
4,6	184	4,07	163	3,55	142	3,02	121
4,57	183	4,04	162	3,52	141	3	120
4,55	182	4,02	161	3,5	140	Less 3	Not enough
4,52	181	3,99	160	3,47	139		
4,5	180	3,97	159	3,45	138		

The maximum number of points that a student can score is 200 points, the minimum number of points is 120 points.

The grade "passed" is given to a student who worked systematically during the semester, showed sufficient knowledge of the study material, performed the tasks provided by the program, showed solid knowledge of the discipline and is able to update them independently during further study.

The grade "not credited" is given to a student who did not show sufficient knowledge of the basic program material, made fundamental mistakes in performing the tasks provided by the program, does not have the skills of independent work.

Assessment of individual student tasks

Points for individual tasks are awarded to the student only if they are successfully completed and defended.

The number of points awarded for different types of individual tasks depends on their scope and significance, but not more than 10-12 points. They are added to the amount of points earned by the student in the classroom during the current academic activity.

Assessment of students' independent work

Students' independent work, which is provided by the topic of the lesson along with the classroom work, is assessed during the current control of the topic in the relevant lesson.

The minimum number of points that a student must score when studying the course - 120. The maximum number of points that a student can score for the current success in the study of this discipline - 200.

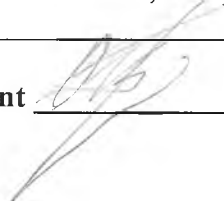
Module 1

Classroom work (Content module 1)

T 1-5	Amount - 200 (The maximum number of points that a student can score for the current educational activity, the minimum is 120 points).
Control work	20
Test	10
Working in pairs	5

Abstract	10-12
Conditions of admission to the final control	Semester control is provided in the form of credit. Provides a final grade on a 200-point scale as the sum of grades for the current control of knowledge (oral examination, tests, examination of abstracts), the results of the content module.
7. The policy of studying the discipline	
<p>The organization of the educational process is carried out with the use of the European Credit Transfer System (ECTS) to assess student performance. The points gained in the current survey, independent work and points of the final control are credited. This must take into account the student's presence in class and his activity during practical work. Inadmissible: absences and late classes; use of a mobile phone, tablet or other mobile devices during the lesson (except for the cases provided by the curriculum and methodical recommendations of the teacher); copying and plagiarism; untimely performance of the task, the presence of unsatisfactory assessments and more submitted theoretical and practical material.</p>	

Senior lecturer of the department



Kucherenko N.