

**Odessa National Medical University**  
**Faculty of Medicine №2**  
**Department of General and Clinical Epidemiology and Biosafety**

**SYLLABUS**  
**FROM THE DISCIPLINE " LABOR PROTECTION IN THE**  
**MEDICAL FIELD "**

<b>Amount</b>	90 hours 3 credits
<b>Semester, year of study</b>	3th semester (2 years of study) "Medicine"
<b>Days, time, place</b>	Department of General and Clinical Epidemiology and Biosafety, st. Primorsky Boulevard, 13 Days and time - according to the schedule
<b>Teachers</b>	Head: Dr., MD, Assoc. Kozishkurt OV, Dr., MD Professor: Golubyatnikov MI, Associate Professor: Sidenko VP, Servetsky SK, Acting Assoc. Fedorenko TV, assistant: Gerasimenko TV, Mogilevsky L.Ya., Dzhurtubaeva GM, Boldeskul IP, Starova NV, Maksimenko Yu.A., Melnik OA , Lukinyuk VV, Hrytsenko KS.
<b>Contact phone</b>	0677378912 - Head of the Department, Assoc. Kozishkurt Olena Volodymyrivna
<b>E-mail</b>	<a href="mailto:kozishkurt.n@gmail.com">kozishkurt.n@gmail.com</a>
<b>Consultations</b>	Wednesday - from 14.30-16.00 Saturday - 10.00-15.00

**COMMUNICATIONS:**

Classes are held at the department, according to the schedule.

Under quarantine, classes are held on the MS Teams platform. The Viber and e-mail platform is used to address organizational and current issues.

**COURSE ANNOTATION:**

**The subject** the study of the discipline is: harmful and dangerous factors of the production environment and a system of measures to protect and preserve the life and health of health workers.

**The purpose of teaching the discipline "Occupational safety in the industry"** is: formation of future specialists' knowledge, skills and competencies, education of culture of safe behavior in the performance of official duties, ensuring effective management of labor protection in the medical field, creation of favorable working environment and labor safety in accordance with current laws and regulations, implementation of the principle priority of protection of life and health of medical workers.

During the mastering of the discipline "Labor protection in the field" the student must acquire the following professional competencies:

- SC10 Ability to plan and carry out sanitary and preventive measures
- SC11 Ability to plan and implement preventive and anti-epidemic measures for infectious diseases
- SC12 Ability to determine the tactics of management of persons subject to dispensary supervision
- SC14 Ability to keep medical records
- SC15 Ability to conduct epidemiological and medical-statistical studies of public health; assess the impact of the environment, socio-economic and biological determinants on the health of the individual, family, population.

## **COURSE DESCRIPTION**

### **Forms and methods of teaching**

The course will be presented in the form of lectures (10 hours), practical classes (20 hours). Organization of independent work of students (60 hours).

Multimedia presentations are used during the teaching of the discipline.

## **TOPICS TO BE STUDIED**

Meaningful chapter 1. General questions of labor protection	
1.	Legislative and organization problems of labor protection
2.	Organization of labor protection in healthcare institutions and higher medical education
3.	Hygiene and physiology of labor, the value for the formation of a safe working environment
Meaningful chapter 2. Features of working conditions in the healthcare industry	
4.	Occupational hazards in the performance of the functional duties of healthcare workers
5.	Hygienic characteristic of work conditions and level of health of healthcare workers
6.	Accidents in medicoprophylactic institutions, their investigation and registration
Meaningful chapter 3. Special questions of labor protection in the healthcare industry	
7.	Hygiene and labor protection in healthcare institutions
8.	Labor protection in separate structural units of medicoprophylactic institutions and higher medical schools
9.	Dangerous infectious diseases in the practice of a health care worker
10.	Topic 10. Fundamentals of Healthcare Workers Occupational Safety

### **List of recommended reading**

1. Occupational safety in the medical field: teaching method. way. / О.П. Yavorovsky, MI Veremey, VI Zenkin and others. - К.: ВСВ "Медицина", 2015. - 208 с.
2. Life safety, basics of labor protection: textbook. way. / О.П. Yavorovsky, VM Shevtsova, VI Zenkin and others; for general ed OP Yavorovsky. - К.: ВСВ "Медицина", 2015. - 288 с.
3. Life safety, basics of labor protection: Educational and methodical manual / emphasis: О.П. Yavorovsky, VM Шевцова, Г.А. Shkurko et al.- Cherkasy: publisher Chabanenko YA, 2012. - 232 p.
4. Occupational hygiene: Textbook /Yu.I. Kundiev, OP Yavorovsky, A.M. Shevchenko and others; for order. acad. NAS of Ukraine, NAMS of Ukraine, prof. Yu.I. Kundieva, Corresponding Member NAMS of Ukraine prof. OP Yavorovsky.- К.: VSV "Medicine", 2011.- 904p.

#### ***Auxiliary***

1. Occupational health and safety of medical workers. Textbook / Ed. V.F. Москаленка, О.П. Yavorovsky. - К.: "Медицина", 2009. - С.6-56.
2. Occupational health and safety of medical workers. Educational manual / Ed. VF Moskalenko, OP Yavorovsky. - К.: «Медицина», 2009. - 176 с.
3. Constitution of Ukraine, ed. from 01.01.2020 URL:<https://zakon.rada.gov.ua/laws/show/254%D0%BA/96-%D0%B2%D1%80#Text>
4. Fundamentals of Ukrainian legislation on health care: Law of Ukraine № 2801-XII, ed. from 24.07.2020 URL:<https://zakon.rada.gov.ua/laws/show/2801-12#Text>
5. On ensuring the sanitary and epidemic well-being of the population: the Law of Ukraine № 4005-XII in ed. from 10/16/2020 URL: <https://zakon.rada.gov.ua/laws/show/4004-12#Text>
6. Prevention of nosocomial infections (hygienic, epidemiological and microbiological aspects) / edited by VF Москаленка. К.: "Health", 2013. 160 p.

### **EVALUATION**

#### ***Evaluation of current educational activities***

**Current success.** Students' knowledge is assessed in both theoretical and practical training.

During the assessment of mastering each topic for the current educational activity of the master, grades are set on a 4-point (traditional) scale, taking into account the approved evaluation criteria for the discipline. This takes into account all types of work provided by the curriculum of the discipline. The master receives a grade that is the average of all types of control of current educational activities and includes control of theoretical and practical training.

The student's current educational activity is assessed on a 4-point (traditional) scale. Daily assessment of current educational activities consists of assessment of theoretical knowledge, presented in the form of abstracts, oral answers during practical classes online, solving clinical problems.

A grade of "excellent" is given if the student knows the content of the lesson and lecture material in full, giving comprehensive answers and teaching the material without errors and inaccuracies, freely solves problems and performs practical skills of varying difficulty.

A grade of "good" is given if the student knows the content of the lesson and lecture material almost in full, giving correct but not exhaustive answers to questions. Solves problems without significant errors and shows good performance of practical skills.

A grade of "satisfactory" is given if the student does not know the content of the lesson and lecture material in full. Teaches the material not systematically, but correctly answers the clarifying questions. Solves problems and performs practical skills with mistakes.

The grade "unsatisfactory" is given if the student does not have the content of the lesson and lecture material, solves problems and performs practical skills with significant errors.

In assessing the educational activities of masters, preference is given to standardized methods of control: testing, situational tasks, structured written work and structured control (according to the procedure) of practical skills in conditions that are close to real.

At the last practical lesson, the teacher is obliged to announce to students the results of their current academic performance, academic debt (if any), as well as when completing the curriculum to fill out the student's record book.

Only those students who do not have academic debts and their average score for the current academic activity in the discipline is not less than 3.00 are admitted to the final certification.

#### ***Assessment of individual student tasks***

Grades for individual tasks are accrued to the student only if they are successfully completed and defended. The grade is added to the current performance.

#### ***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.

#### ***Discipline assessment***

The grade in the discipline is the arithmetic mean of all student grades during classes.

Thus, the department puts one grade in the statement - the arithmetic mean of all current grades (calculated as a number rounded to 2 (two) decimal places).

The received grade for the discipline is regarded as a percentage of mastering the required amount of knowledge in this subject.

#### ***Scheme of accrual and distribution of points received by masters:***

The scores given on the traditional scale are converted into points. The maximum number of points that a master can gain for the current academic activity in the study of the discipline is 200 points. The minimum number of points that a master must score for the current academic activity to enroll in the discipline is 120

points. The calculation of the number of points is based on the grades obtained by the master on the traditional scale during the study of the discipline during the semester, by calculating the arithmetic mean (CA), rounded to two decimal places.

***Evaluation of current educational activities***

The general assessment of the student's educational activity at each lesson is comprehensive and is affixed by the teacher at the final stage of the lesson to the "Journal of student attendance and performance", the headmaster - to the "Statement of student performance and attendance" in the form of grades on a traditional four-point scale: "5" , "4" , "3" , "2" and in points.

**SCALE OF EVALUATION**

The sum of points for all types of educational activities	Assessment according to a national scale for differential test
from 120 to 200 points	“ passed ”
less than 120 points	“didn’t pass” with the possibility of re-passing the test
less than 120 points after 1 addition and 2 rearrangements	“ didn’t pass ” with a mandatory re-study of the discipline

Average score for the discipline	The ratio of the student's average score for the discipline to the maximum possible value of this indicator	Grade from the discipline on a 4-point scale (traditional assessment)
4.64 - 5.0	90-100%	5
3.77 - 4.63	75-89%	4
3.0 - 3.76	60-74%	3

**COURSE POLICY**

**Terms of mastering the course:**

- Mandatory attendance;
- Activity during practical classes;
- Preparation for classes, homework and VTS, etc .;
- Delivery of tasks in due time;
- Be tolerant, open and friendly;
- Constructively maintain feedback in all classes;
- Be punctual and obligatory.

**Not allowed:**

- Omissions for disrespectful reasons;
- Delay and unauthorized departure from the classroom or lecture hall (for late student is not allowed to classes / lectures because it disrupts the educational process. Also for violation of discipline, the student is removed from the classroom and receives "nb");

- Use of mobile phones, tablets, laptops, smart watches, etc. during practical classes and lectures;
- Late delivery of tasks, etc. (Tasks not passed in the specified terms are not accepted and the estimation "2" is exposed);
- Violation of any rules established by the moral and ethical code of ONMedU.

**Deadline and recompilation policy.** Relocation of missed practical / seminar classes is carried out according to the schedule of the department, the next teacher. The schedule of teachers of the department is placed on the information stand for students (4th floor)

The practice of missed lectures takes place every Thursday to the head of the department.

**Adherence to academic integrity by students provides:**

1. Independent performance of educational tasks, tasks of current and final control of learning outcomes (for persons with special educational needs this requirement is applied taking into account their individual needs and opportunities);
2. References to sources of information in the case of the use of ideas, developments, statements, information;
3. Compliance with the law on copyright and related rights;
4. Providing reliable information about the results of their own (scientific, creative) activities, used research methods and sources of information.

Unacceptable in educational activities for participants in the educational process are:

- the use of family or business ties to obtain a positive or higher assessment in the implementation of any form of control over learning outcomes or advantages in scientific work;
- use of prohibited auxiliary materials or technical means (cheat sheets, abstracts, headphones, telephones, smartphones, tablets, etc.) during control measures;
- passing the procedures of control of learning outcomes by fictitious persons.

For violation of academic integrity, students may be held subject to the following academic liability:

- reduction of results of assessment of control work, examination, credit, etc .;
- re-assessment (test, exam, test, etc.);
- appointment of additional control measures (additional individual tasks, tests, tests, etc.);
- re-passing the relevant educational component of the educational program;
- conducting additional verification of other works by the infringer;
- deprivation of the right to participate in competitions for scholarships, grants, etc .;

- notification of the entity that finances the training (research), the institution that issued the grant for training (research), potential employers, parents of the applicant for higher education about the violation;

- exclusion from the rating of applicants for an academic scholarship or accrual of penalty points in such a rating;

- deprivation of an academic scholarship;

- deprivation of tuition benefits provided by the University;

- expulsions from the University.

**Attendance and lateness policy.** Delays in practical classes, seminars and lectures are not allowed. In case of delay, the student is not allowed to the classroom and receives "nb" in the magazine.

**Mobile devices.** The use of any mobile devices is prohibited. In case of violation of this paragraph, the student is removed from the lesson or lecture and receives "nb" in the journal.

**Behavior in the audience.** The student's behavior in classrooms must comply with the rules established by the moral and ethical code of the university.