

**MINISTRY OF HEALTH OF UKRAINE ODESSA NATIONAL
MEDICAL UNIVERSITY**

Department of general and clinical epidemiology and biosafety

**Syllabus of the academic discipline
"Labor protection"**

Scope of the academic discipline	90 hours / 3 credits 3 - 4 semesters, 2nd year of study
Days, time, place of educational discipline	Department of general and clinical of epidemiology and biosafety, St. Primorsky Boulevard, 13 Days and time - according to the class schedule
Teacher(s)	Golubyatnikov M.I., doctor of medicine, professor, head of the department. Professors: Doctor of Medicine Bachynska O.V., Doctor of Medicine. A. I. Savchuk, Doctor of Medicine. K.O. Talalaev, Doctor of Medicine. Haidey V.R. Associate professors: Servetskyi S.K., Fedorenko T.V. Assistants: T.V. Gerasimenko, G.M. Jurtubaeva, O.A. Melnyk, K.S. Hrytsenko, L.V. Kostolonova, M.O. Makarenko.
Contact information	Help by phone: Melnyk O.A., phone number - 0965920621, responsible for organizational and educational work of the department phone Gavrushko T.G., laboratory assistant of the department; phone number - 0681241260 olena.kozishkurt@onmedu.edu.ua Face-to-face consultations: from 2:00 p.m. to 5:00 p.m. every Thursday, from 9:00 a.m. to 2:00 p.m. every Saturday Online - consultations: with 16.00 to 18.00. Each Thursday, from 9:00 a.m. to 2:00 p.m. every Saturday. Link to online consultation is provided to each group during classes separately.

COMMUNICATION

Communication with applicants will be conducted in the classroom (face-to-face).

During distance learning, communication is carried out through the Microsoft Teams platform, as well as through e-mail correspondence, Viber

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messengers (through groups created in Viber for each group, separately through the head of the group).

ABSTRACT OF THE EDUCATIONAL DISCIPLINE

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

The goal of discipline: formation of future specialists' knowledge, skills and competences, education of a culture of safe behavior in the performance of official duties, provision of effective management of labor protection in the medical field, creation of favorable conditions for the production environment and labor safety in accordance with current legislative and regulatory acts, implementation of the priority principle of protecting the life and health of medical workers.

Tasks of the discipline:

1. Cultivation of a safety culture to ensure effective management of occupational health and safety in the medical field.
2. Creation of favorable conditions for the industrial environment and occupational safety in accordance with the current legislative and regulatory acts for the implementation of the priority principle of protecting the life and health of medical workers.
3. Ensuring the preservation of life, health and working capacity of medical workers in industrial conditions.
4. Learn to apply a complex of legislative, organizational, engineering and technical, sanitary and hygienic, medical and preventive and other measures.
5. Education of moral and ethical values aimed at the prevention of industrial injuries and the occurrence of occupational and production-related diseases.

Expected results:

As a result of studying the academic discipline, the applicant must:

Know:

- Connection between condition health working people and influence harmful and dangerous production factors.
- Requirements of legislative and regulatory acts on occupational health and safety of medical workers.
- Requirements for ensuring occupational health and safety of medical personnel in modern conditions.
- The main ones principles and approaches (strategies) to software security in medical and preventive institutions.

Be able:

- Do conclusions about availability impact harmful and dangerous production factors on the body of medical workers.
- To justify the implementation of preventive measures in accordance with the principles of the current legislation of Ukraine.
- Plan measures to maintain a healthy lifestyle, personal hygiene and implement

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them in health care practice.

- Coordinate plans carrying out preventive measures with plans development of territorial, administrative and production units.
- Analyze and evaluate situations dangerous to life, health and professional activity and independently make decisions about taking urgent measures.

DESCRIPTION OF THE EDUCATIONAL DISCIPLINE

Forms and methods of education

The discipline will be taught in the form of practical classes (30 hours), organization of independent work of applicants (60 hours).

Content of the academic discipline

Content module 1. General issues of labor protection

1. Legal and organizational foundations of labor protection
2. Organization of occupational health and safety in medical institutions and institutions of higher medical education.
3. Hygiene and physiology of work, importance for creating safe working conditions

Content module 2. Peculiarities of working conditions in the medical field

4. Professional harmfulness at performance functional responsibilities medical workers.
5. Hygienic characteristic conditions labor and state health medicalemployees
6. Accidents and accidents at the HCI, their investigation and accounting

Content module 3. Special issues of labor protection in medical industry

7. Hygiene and labor protection in medical institutions
8. Protection labor in individual structural subdivisions HCI and highermedical educational institutions
9. Dangerous infectious diseases in the work of medical workers
10. Basics of industrial safety of medical workers.

List of recommended literature

Main:

1. Labor protection in the medical field: teaching method. manual / O.P. Yavorovskiy, M.I. Veremey, V.I. Zenkina and others. - K.: VSV "Medicine", 2015. - 208 p.
2. Life safety, basics of labor protection: education. manual / O.P. Yavorovskiy, V.M. Shevtsova, V.I. Zenkin and others; in general editor O.P. Yavorovsky - K.: VSV "Medicine", 2015. - 288 p.

Additional:

1. Hygiene and labor protection of medical workers. Study guide/ Ed. V.F. Moskalenko, O.P. Yavorovsky - K.: "Medicine", 2009. - P.6-56.
2. Life safety, basics of occupational health and safety: Educational and methodological guide/ point: O.P. Yavorovskiy, V.M. Shevtsova, G.A. Shkurko et al. - Cherkasy: Yu.A. Chabanenko publisher, 2012. – 232 p.

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3. Occupational hygiene: Textbook / Yu.I. Kundiyeu, O.P. Yavorovskiy, A.M. Shevchenko and others; under the editorship Acad. National Academy of Sciences of Ukraine, National Academy of Sciences of Ukraine, prof. Yu.I. Kundieva, member of staff National Academy of Sciences of Ukraine prof. O.P. Yavorovskiy. - K.: VSV "Medicine", 2011. - 904p.
 4. Hygiene and labor protection of medical workers. Educational manual /Edited by V.F. Moskalenko, O.P. Yavorovskiy. - K.: "Medytsyna", 2009. - 176 p.
 5. Constitution of Ukraine in ed. from 01.01.2020 p.
URL<https://zakon.rada.gov.ua/laws/show/254%D0%BA/96%D0%B2%D1%80#Text>
 6. Fundamentals of Ukrainian legislation on health care: Law of Ukraine No. 2801-XII in ed. from 07/24/2020 URL:<https://zakon.rada.gov.ua/laws/show/280112#Text>
 7. On ensuring sanitary and epidemic welfare of the population: Law of Ukraine No. 4005-XII in Ed. from 16.10.2020
URL:<https://zakon.rada.gov.ua/laws/show/4004-12#Text>
 8. Prevention of hospital infections (hygienic, epidemiological and microbiological aspects) / edited by V.F. Moskalenka K.: "Health", 2013. 160 p.

EVALUATION

Forms and methods of current control: oral (survey), practical (solving clinical situational problems, practicing work with medical documentation and regulatory documents).

Current evaluation criteria in practical training

Perfectly "5"	It is presented to the applicant when he shows deep, solid and systematic knowledge in the scope of the curriculum, answers all questions without mistakes, reasonably formulates conclusions, using materials presented for independent work of the applicant, competently and consistently, with knowledge of the methodology, completed practical work ; using scientific terms correctly and concept.
Fine "4"	The acquirer reveals the main content of the educational material; gives incomplete definitions of concepts; admits inaccuracies when using scientific terms, vaguely formulates conclusions, performed practical work, but allowed minor errors during the research.
Satisfactorily "3"	The learner reproduces the main educational material, but when presenting it, makes significant mistakes, leads

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	simple examples definition concepts insufficient, characterizes the general issues of social medicine.
Unsatisfactorily "2"	The applicant discloses the content of the educational material fragmentarily, makes gross mistakes in the definition of concepts and when using terminology, did not complete the practical work.

Forms and methods of final control: Credit is awarded to an applicant who has completed all sections of the educational program of the elective discipline, has actively participated in seminars, has a current grade point average of at least 3.0, and has no academic debt.

The possibility and conditions of obtaining additional (bonus) points: not provided.

**INDEPENDENT WORK OF HIGHER EDUCATION
ACQUIRES**

Independent work involves preparation for each practical session.

EDUCATIONAL DISCIPLINE POLICY

Deadlines and Rescheduling Policy:

- Absences of classes for non-respectable reasons will be worked out according to the schedule of the teacher on duty.
- skips with respectable reasons working out by individual schedule with the permission of the dean's office.

Academic Integrity Policy:

Observance of academic integrity by applicants is mandatory, and exactly:

- independent implementation everyone species works, tasks, forms control, provided by the work program of this academic discipline;
- references to sources of information in case of use of ideas, developments, statements, information;
- compliance with the legislation on copyright and related rights;
- provision of reliable information about the results of one's own educational (scientific) activity, used research methods and sources of information.

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

- the use of family or official ties to obtain a positive or higher grade during any form of control of academic performance or academic merit;

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- use of prohibited auxiliary materials or technical means (cheat sheets, notes, micro-earphones, telephones, smartphones, tablets, etc.) during control measures;
- going through procedures for monitoring the results of training by fake persons.

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

- a decrease in the results of assessment of the control work, assessment in class, credit, etc.;
- retaking the assessment (test, credit, etc.);
- assignment of additional control measures (additional individual tasks, control works, tests, etc.);
- conducting an additional inspection of other works authored by the violator.

Attendance and Tardiness Policy:

Uniform: medical gown, cap, mask, change of shoes. Equipment: notebook, pen.

State of health: applicants suffering from acute infectious diseases, including respiratory diseases, are not allowed to attend classes.

A student who is late for class can attend it, but if the teacher has put "nb" in the journal, he must complete it in the general order.

Use of mobile devices:

Mobile devices may be used by students with the permission of the instructor if they are needed for the assignment.

Behavior in the audience:

The behavior of applicants and teachers in the classrooms should be working and calm, strictly comply with the rules established Provisions on academic integrity and ethics of academic relations at Odessa National Medical University, in accordance with of the Code of academic ethics and relations of the university community of Odessa National Medical University, Provisions on prevention and detection of academic plagiarism in research and educational work of students of higher education, scientists and teachers of Odessa National Medical University