**ANNOTATION**

**WORKING PROGRAMM DISCIPLINES**

**" FIRST AID IN EMERGENCY AND CRITICAL SITUATIONS"**

Discipline index - B1.V.02

Specialty - 31.05.01 General Medicine

Level of higher education - Specialist

Graduate Qualification - Medical Doctor

Faculty - Medical

Department of Life Safety and Disaster Medicine

Full-time form of education

course - I

term - 2

Total labor input (in credit units/hours): 2/72

Final control form - test

**I. \_ Goals and tasks of mastering the discipline (module)**

**Target:**

**-** familiarization with the basics of providing first aid to victims before the arrival of medical workers in conditions of time pressure;

- study by students of the principles and methods of providing first aid to victims in emergency and critical situations.

**Tasks:**

- preparing students for actions in non-standard situations and ensuring their own safety in emergency situations;

- preparing students for the practical provision of first aid to victims in emergency and critical situations before the arrival of medical workers;

- mastering the skills of determining the functional state of the body, methods of resuscitation, first aid skills in case of accidents and injuries, methods of stopping bleeding, skills of transport immobilization and evacuation of victims in case of emergency, first aid skills for burns, hypothermia and frostbite.

**II . PLANNED TRAINING OUTCOMES IN THE DISCIPLINE**

Competences formed in the process of studying the discipline

*FSES 3++*

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| --- | --- |
| **As a result of mastering the competence, the student must:** | **Code and name of competence**  **(or parts of it)** |
| **Universal competencies (UC)** | |
| **UC-8 Able to create and maintain safe living conditions in everyday life and in professional activities to preserve the natural environment, ensure the sustainable development of society, including in the event of a threat and the occurrence of emergencies and military conflicts** | |
| DI-1UC-8 | ***Identifies and evaluates emergency and dangerous situations in everyday and professional activities, determines ways to protect against them*** |
| **know** | Principles, means, methods of ensuring safety and maintaining health in the interaction of a person with a different environment, including in an educational environment. The main types of potential hazards and their consequences in professional activities and everyday life, the principles of reducing the likelihood of their implementation; hazards, their types, properties and characteristics; ways and methods of forecasting emergencies and their consequences; modern means and methods of protecting the population in emergencies and the procedure for their use |
| **be able to** | Identify and prevent negative environmental impacts of natural and anthropogenic origin, assessing the possible risks of hazards and emergencies, including in the educational environment. Apply practical skills to ensure safety in dangerous situations of everyday life and in emergency situations of a different nature, including in an educational environment. |
| **own** | Skills for ensuring life safety, as well as skills for maintaining and strengthening the health of students in the conditions of educational, labor and daily activities.  The skills to create a comfortable (normative) and safe educational, labor, recreational and domestic environment |
| DI-4UC-8 | ***Provides first aid to the injured*** |
| **know** | a list of conditions under which first aid is provided and first aid measures; principles and rules of safe behavior and protection in various critical and emergency situations;  signs of emergency conditions, causes and factors causing them;  methods of restoring the vital functions of the body. |
| **be able to** | assess the condition of the victim, to make a decision in a non-standard situation and be responsible for the decisions made ;  apply the acquired knowledge in the selection and evaluation of various methods and techniques of first aid;  carry out resuscitation measures in the event of terminal conditions of the body; provide first aid in the lesions in case of emergency; assess the condition of the victim to make a decision on the need to provide him with first aid. |
| **own** | ability to act in non-standard situations; skills to determine the functional state of the body; methodology for resuscitation; first aid skills in case of accidents and injuries; techniques to stop bleeding; methods and skills of transport immobilization and evacuation of victims during emergencies;  first aid skills for burns, hypothermia and frostbite. |

**III . THE PLACE OF THE EDUCATIONAL DISCIPLINE IN THE STRUCTURE OF THE EDUCATIONAL PROGRAM**

The academic discipline "Providing first aid in emergency and critical situations" refers to B1.V.02in the direction of training (specialty) 31.05.01 "General Medicine".

The material of the discipline is based on the knowledge previously acquired by students in the following disciplines of the general education program:

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| --- | --- |
| Name of the discipline | List of topics |
| Biology | The body as a whole. (Skin and its derivatives. Cardiovascular system. Respiratory system. Digestive system. Genitourinary system. Musculoskeletal system. Muscles. Sensory organs.) |
| Basics of life safety | Providing first aid in various emergencies, identification of urgent and life-threatening conditions in extreme conditions, in the centers of mass destruction with the use of protective equipment. |
| Bioethics | Ability and willingness to talk with the victim in the provision of first psychological aid. |

The discipline "First aid in emergency and critical situations" is fundamental for the study of the following disciplines: Life safety; Traumatology; Emergency Medicine.

**IV . VOLUME OF DISCIPLINE AND TYPES OF EDUCATIONAL WORK**

**The total complexity of the discipline is \_2 credit units.**

Lectures - 16 (hours)

Practical classes - 32 (hours)

Independent work - 24 (hours)

**V. \_ CONTENT OF THE WORKING PROGRAM OF THE DISCIPLINE**

Section 1.

Organizational and legal aspects of first aid. Providing first aid in extreme situations

Section 2.

Providing first aid to victims in accidents and emergencies

**VI. The form of intermediate attestation - TEST. Term-2.**

**Department-developer "Life safety and Disaster Medicine"**