

Документ подписан простой электронной подписью
Информация о владельце:
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Должность: и.о. декана медико-биологического факультета
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**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN
FEDERATION**
**Federal State Autonomous Educational Institution of Higher Education
NORTH-CAUCASUS FEDERAL UNIVERSITY**

APPROVED
Assoc. Prof. Kubanov S.I.
PhD in Medical Sciences
Dean Faculty of Medicine and Biology

WORKING PROGRAM OF DISCIPLINE

LIFE SAFETY

Field of Study	31.05.01 General Medicine
Year Commenced	2026
Type of Training:	Full-time
Delivered in Semester	1

DEVELOPED BY:

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Candidate of Pedagogical Sciences,
Associate Professor Makarova E.V.

Stavropol 2026

1. Aim and Objectives

The aim of this discipline is shaping the universal competency (UC-8) in future bachelors or specialists; the development of competencies in the culture of safe behavior, which translates into the graduate's readiness to employ knowledge, skills, and capacities in their professional activities, required to ensure the safety of the individual, society, and the state in case of danger and emergencies, as well as shaping a coordinated mindset focused on the priority solution of safety issues, preservation, and development of Russian spiritual and moral values in peacetime and wartime.

Objectives of the Life Safety discipline:

- **UC-8.** Can create and maintain safe living conditions in daily life and in professional activities to preserve the natural environment, ensure society's sustainable progress, including in the event of threats, emergencies, and military conflicts.

Competency Achievement Indicators:

- **AI-1 UC-8.** Familiar with the general characteristics of ensuring safety and sustainable development in various spheres of life; classification of military emergencies, principles and methods of organizing the protection of the population from dangers arising in peacetime and during military operations.
- **AI-2 UC-8.** Evaluates the probability of potential danger in wartime, everyday life, and professional activities and takes measures for its prevention.
- **AI-3 UC-8.** Applies basic protection methods during threats, emergencies, and military conflicts in daily life and professional activities.

2. Place of the Discipline in the Structure of the Educational Program

The Life Safety discipline belongs to Block 1. Disciplines (Modules).

3. List of Planned Learning Outcomes

Code and definition of the competency	Code and definition of the achievement indicator (AI)	Planned learning outcomes for the discipline (module) describing the stages of competency and indicator development
UC-8. Able to create and maintain safe living conditions in daily life and in professional activities to preserve the natural	AI-1 UC-8. Familiar with the general characteristics of ensuring safety and sustainable development in various spheres of life;	Identifies hazardous and harmful occupational factors and evaluates the scale of their impact on

Code and definition of the competency	Code and definition of the achievement indicator (AI)	Planned learning outcomes for the discipline (module) describing the stages of competency and indicator development
environment, ensure sustainable development of society, including in the event of threats, emergencies, and military conflicts	classification of military emergencies, principles and methods of organizing the protection of the population from dangers arising in peacetime and during military operations.	humans and the natural environment. Formulates principles and methods of organizing protection against dangers arising in daily life and professional activities, occurring in peacetime and during military operations.
	AI-2 UC-8. Evaluates the probability of potential danger in wartime, everyday life, and professional activities and takes measures for its prevention.	Evaluates the probability of danger in both peacetime and wartime. Formulates methods of protection against dangers of various origins, ensuring safe living conditions. Provides first aid to victims.
	AI-3 UC-8. Applies basic protection methods during threats, emergencies, and military conflicts in daily life and professional activities.	Applies individual and collective measures to protect against the damaging effects of peacetime and wartime hazards. Expounds and applies legal and regulatory documents on occupational health, environmental protection, and safety in peacetime and wartime emergencies.

4. Volume of the Discipline and Types of Control *

Workload: total 3 credits/credit units (c.u.), 108 academic hours.

Contact Work:	Full-time, in academic hours
Lectures / including practical training	18/0
Practical classes / including practical training	36/0
Independent work	54
Control Type:	
Exam	

** The discipline implies the use of e-learning and distance learning technologies (unless otherwise set by the educational standard).*

5. Content of the Discipline (Module), Structured by Themes (Sections) with the Number of Hours and Types of Classes

	Chapter (Topic) and Brief Description	Competencies & Indicators	Full-time			Independent work, hours	Part-time			Independent work, hours	Full/Part-time			Independent work, hours	Performance control
			Face-to-face with teacher / of them as practical training, hours				Face-to-face with teacher / of them as practical training, hours				Face-to-face with teacher / of them as practical training, hours				
			Lectures	Practical classes	Lab classes		Lectures	Practical classes	Lab classes		Lectures	Practical classes	Lab classes		
Module 1. Theoretical Foundations of Life Safety															
1	Theme 1.1. Basic concepts, terms, and definitions in the field of life safety Definition, structure, and objectives of life safety. Characteristics of hazards. Characteristics of threats. Spheres and principles of ensuring state security. Economic, information, and food security.	AI-1 UC-8 AI-2 UC-8				6									Interview, test

2	Theme 1.2. General classification of emergencies Concepts, definitions, stages of development, classification of emergencies. Main types of emergencies and their brief characteristics. Sources of emergencies. Stages of emergency development. Classification of emergencies by origin. Main types of emergencies. Natural emergencies, classification, and protection against them. Classification of natural emergencies. Rules of behavior under threat of natural emergencies.	AI-1 UC-8 AI-2 UC-8													Interview, test
3	Theme 1.3. Safety in man-made (technogenic) emergencies General characteristics of man-made emergencies. Transport and its hazards. Fires, explosions at economic facilities. General characteristics of hazardous chemical substances. General characteristics of radioactive substances. Classification of man-made emergencies by departmental affiliation. Accidents and disasters in railway transport. Causes of fires at industrial facilities. Causes of explosions. Fire prevention measures. Chemical situation assessment. Initial data for chemical situation assessment. General accidents at nuclear power plants. Characteristics of the mandatory resettlement zone. Classification of events at nuclear power plants according to the IAEA scale.	AI-1 UC-8 AI-2 UC-8				6									Interview, test
Module 2. National Security of the Russian Federation															

4	Theme 2.1. National Security (NS) of the RF: the role and place of Russia in the world community Ensuring the national security of the RF. Possible threats to the national security of the RF. Military Doctrine of the RF. Maintaining military registration and organizing the reservation of citizens in the reserve of the Armed Forces in organizations. Theme 2.1.1. Theoretical foundations of the institute of National Security (NS) of the RF National spheres of state security of Russia. Subject-object relations in the field of life safety. The national security system in the structure of Russian state authorities. Federal laws of the RF and their purpose.	AI-1 UC-8 AI-2 UC-8 AI-3 UC-8	2	2		2										Interview, test
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5	Theme 2.2. Military-political training. Geopolitical position of the Russian Federation Modern trends and features of the development of international relations. The place and role of Russia in a multipolar world. Main directions of political, socio-economic, and military-technical development of the Russian Federation. Military policy of the RF at the present stage. International military conflicts with the participation of Russia: world, regional (local) wars. Hybrid wars, color revolutions. Features of conducting information and psychological wars. Special military operations of the RF (SMO). Theme 2.2.1. Geopolitical position of the Russian Federation Modern trends in the development of international relations. Foreign policy of the Russian Federation at the present stage. Reasons and goals of the special military operation in Ukraine.	AI-1 UC-8 AI-2 UC-8 AI-3 UC-8	2	2		2									Interview, test
Module 3. Safety of the Population and Territories in Wartime															

6	Theme 3.1. Civil Defense Purpose of civil defense and its main tasks. Features of civil defense in modern conditions and the tasks assigned to it. Organizational foundations, leadership, and management of civil defense. Organization of civil defense at an economic facility and its main tasks taking into account the field of study. Theme 3.1.1. Organization of Civil Defense Components of an evacuee's baggage. Types of civil defense property supplied to schools in emergencies. Type of protective structures and their purpose. Individual anti-chemical packets. Theme 3.1.2. Preparation of data to determine the procedure for using protective civil defense structures to shelter facility workers and their family members from emergencies Main indicators of rapidly erected shelters of various capacities and designs. Development of a plan to bring the shelter into readiness to receive sheltered persons. Sample plan to bring the shelter into readiness to receive sheltered persons. Calculation for bringing protective civil defense structures into readiness.	AI-1 UC-8 AI-2 UC-8 AI-3 UC-8	2	4		4									Interview, test
Module 4. Countering Threats of Extremism and Terrorism															

7	Theme 4.1. Legal and organizational foundations for ensuring anti-terrorist security of the RF Modern terrorism, its characteristic traits and features. Types of terrorist acts and methods of their execution. Organization of anti-terrorist measures to ensure safe behavior in educational institutions. The concept of terrorism in the law of the RF On Combating Terrorism. Kinds and types of terrorism. Rules of behavior during hostage-taking. Causes generating terrorism in Russia. Rules of behavior and algorithm of actions under the threat of a terrorist act in an educational organization. Criminogenic hazards. Rules of behavior and actions of the population in extreme situations of a social nature. Theme 4.1.1. Social danger of terrorism and extremism Organized crime. Blackmail, fraud, extortion, theft, robbery. Attack in a car. Protection against armed attack.	AI-1 UC-8 AI-2 UC-8 AI-3 UC-8	2	2		2									Interview, test
Module 5. Military Training Foundations															

8	Theme 5.1. Goals, tasks, directions, and forms of military-political work in the Armed Forces of the RF Foundations of military-political work in the Armed Forces of the RF: goals, tasks, directions, and forms of military-political work. Military upbringing. Military politeness: genesis and modernity. Military discipline. Responsibility of military personnel and its types. The principle of command unity. Commanders and subordinates. Seniors and juniors. Order and command. The procedure for issuing and executing an order. Military ranks. Military rituals and holidays. Theme 5.1.1. Foundations of military-political work in the Armed Forces of the RF: goals, tasks, directions, and forms of military-political work Military upbringing. Military politeness: genesis and modernity. Military discipline. Responsibility of military personnel and its types. The principle of command unity. Commanders and subordinates. Seniors and juniors. Order and command. The procedure for issuing and executing an order. Military ranks. Military rituals and holidays.	AI-1 UC-8 AI-2 UC-8 AI-3 UC-8	2	2		2										Interview, test
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9	Theme 5.2.1. Foundations of shooting from small arms Disassembly, assembly of small arms. Loading the magazine of a Kalashnikov assault rifle. Purpose, composition, combat properties, procedure for assembly (disassembly) of the AK-74 and PM pistol. Purpose, combat properties, and material part of hand grenades. Assembly (disassembly) of the AK-74 and PM pistol. Preparing them for combat use. Preparing to shoot from small arms, safety requirements. Equipment of a single trench for shooting from an assault rifle. Safety requirements when handling small arms and conducting firearms training sessions. Techniques and rules of shooting from small arms. Purpose, combat properties, material part, and use of small arms and hand grenades. Loading small arms magazines. Preparing hand grenades for combat use. Theme 5.2.2. Preparing to shoot from small arms, safety requirements Foundations of shooting from small arms. Techniques and rules of shooting from small arms. Adopting a position for shooting from the knee. Adopting a position for shooting while standing. Safety requirements. Theme 5.2.3. Equipment of a single trench for shooting from an assault rifle Character of engineering equipment of firing positions of artillery units. Fortification equipment of closed firing positions. Equipment of trenches for shooting from an assault rifle. Camouflage.	AI-1 UC-8 AI-2 UC-8 AI-3 UC-8	6	6										Interview, test
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10	Theme 5.3. Structure of the Armed Forces of the RF Armed Forces of the Russian Federation: branches, types, system, structure, personnel composition. Tasks and functions in peacetime and wartime. Combat purpose of units of the Armed Forces of the RF. Structure of ground forces units. Performance characteristics (TTX) of the main types of weapons and equipment of ground forces units of the Armed Forces of the RF. Organization of the Armed Forces of a probable enemy of the RF: military strategy, weapons, combat equipment. Organization, weapons, combat equipment of army units of a probable enemy. Foundations of combined arms combat of units of the Armed Forces of the RF. Essence of modern combined arms combat: characteristics and types. Methods of conducting modern combined arms combat. Forces and means of armed struggle. Features of the combat application of new technologies and technical means (EW, UAV). Theme 5.3.1. Performance characteristics (TTX) of the main types and models of weapons and equipment of the Armed Forces of the RF Armed forces. Branch of service. System and structure of the Armed Forces of the Russian Federation. Purpose of the Ground Forces. Main models of weapons and equipment of the Ground Forces units of the Armed Forces of the RF. Air defense weapons of motorized rifle units. Anti-tank weapons of motorized rifle units. Types of small arms: RPK-74, PKM, SVD.	AI-1 UC-8 AI-2 UC-8 AI-3 UC-8	2	4		4									Interview, test
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Theme 5.3.2. Performance characteristics (TTX) of the main types and models of weapons and equipment of the Armed Forces of the RF Combat, defense, offensive, maneuver, envelopment. Foundations of combined arms combat, its characteristics and types. Methods of conducting modern combined arms combat. Forces and means of armed struggle. Features of the combat application of new technologies and technical means (EW, UAV). Characteristic features of modern combined arms combat. Types of maneuver. Main armament of a US Army motorized infantry platoon.															
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11	Theme 5.4. Radiation, chemical, and biological protection of the Armed Forces and the population of the RF Means of individual protection of military personnel and the procedure for their use. Adjustment and technical inspection of individual protection means. Nuclear, chemical, biological, and incendiary weapons. Nuclear weapons. Damaging factors of a nuclear explosion and their impact on the human body, weapons, equipment, and fortification structures. Means of its delivery and application. Chemical weapons. Poisonous substances, their purpose, classification, and impact on the human body. Combat damaging states, means of application, signs of using poisonous substances, their persistence on the ground. Biological weapons. Main types and damaging effect. Means and external signs of application. Incendiary weapons. Damaging effects of incendiary weapons on personnel, weapons, and military equipment. Theme 5.4.1. Radiation reconnaissance instruments Radiation reconnaissance. Means of radiation reconnaissance and control. Types of classifications of dosimetric instruments. Ionization chamber. Gas-discharge counter. Scintillation detector. Radiothermoluminescent detectors. Chemical detectors. Theme 5.4.2. Chemical reconnaissance instruments Chemical situation assessment. Means of chemical reconnaissance and control. Colors of indicator tubes after pumping the	AI-1 UC-8 AI-2 UC-8 AI-3 UC-8	2	6	6										Interview, test
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	analyzed air. Theme 5.4.3. Methods of actions of personnel in conditions of radioactive, chemical, and biological contamination Warning signals about radioactive, chemical, and biological contamination and their delivery by various means. Actions of personnel upon warning signals about radioactive, chemical, and biological contamination. Military chemical reconnaissance device (VPXR).													
12	Theme 5.5. Foundations of military topography. Foundations of cartography and its application in combat conditions Terrain as an element of the combat situation. Measurements and orientation on the terrain without a map, movement by azimuths. Methods of measuring distances and orientation on the terrain without a map. Topographic maps. Geometric essence, classification, and purpose of topographic maps. Reading a map, preparing it for work. Determination of geographical and rectangular coordinates of objects and target designation by map. Determination of coordinates of objects. Responsibility of military personnel for the preservation of maps in a combat situation. Theme 5.5.1. Work with graphical documents Determination of rectangular coordinates of a point by map. Determination of distance by angular value. Determination of distances by linear dimensions.	AI-1 UC-8 AI-2 UC-8 AI-3 UC-8	2	2		2								Interview, test

13	Theme 5.6. Providing first aid to victims in peacetime and wartime emergencies Principles of providing first aid. Classification of wounds. Rules for treating wounds and applying a bandage. Providing first aid for burns. Providing first aid for drowning. Providing first aid for heat stroke. Providing first aid in the absence of consciousness, respiratory arrest, and circulatory arrest. Theme 5.6.1. Terminal states. Clinical death. Principles and methods of resuscitation Terminal states. Clinical death. Resuscitation. Algorithm of primary cardiopulmonary resuscitation. Signs of the effectiveness of resuscitation measures. Theme 5.6.2. Injuries. Providing first aid for injuries Injury, bruise, sprain, dislocation, fracture, First aid. Theme 5.6.3. Bleeding. First aid for external and internal bleeding Classification of bleedings. Types of stopping bleeding. Application of a tourniquet. First aid for bleeding.	AI-1 UC-8 AI-2 UC-8 AI-3 UC-8	2	6		6									Interview, test
	TOTAL for semesters 1, 7		18	36		54									
	TOTAL		18	36		54									

6. Assessment Tools Fund

The Assessment Tools Fund (ATF) for the discipline relies on the mastered competencies with the indicators. The ATF ensures objective control over the achievement of planned learning outcomes. The ATF includes:

- A description of indices and criteria for evaluating competencies at various stages of their formation, a description of rating scales;
- Methodological materials defining the procedures for evaluating knowledge, skills, abilities, and (or) experience of activities characterizing the stages of competency formation (included in methodological instructions for those types of work that are provided for by the curriculum and involve the evaluation of competency formation);
- Sample assessment tools necessary to evaluate knowledge, skills, and the level of competency formation.

The ATF is an appendix to this work program of the discipline.

7. Methodological Guidelines for Students

When commencing work, each student shall take the following into consideration:

- The course is structured on a thematic basis, with each topic representing a logically completed section.
- Lecture material is dedicated to examining key, basic provisions of the courses and explaining academic assignments designated for students' independent work.
- Practical classes are conducted to consolidate the assimilated information and to acquire skills in its application when solving practical problems in the corresponding subject area.
- Independent work of students is aimed at the self-guided study of additional material, preparation for practical classes, and the execution of all types of independent work.

To successfully master the course, it is important to complete all types of independent work using the recommended information sources.

8. Educational-Methodological and Informational Support

8.1. List of Main and Additional Literature

8.1.1. Main Literature

1. Mikhailidi, A.M. Life Safety in Production: a textbook / A. M. Mikhailidi. - Life Safety in Production, Throughout the term of copyright protection. - Electron. data (1 file). - Moscow: IPR Media, 2021. - 135 p. - electronic. - The book is in the premium version of the ELS IPR BOOKS. - ISBN 978-5-4497-0805-2, unlimited copies.

2. Sokolov, A.T. Life Safety: a textbook / A.T. Sokolov. - Life Safety, 2021-12-05. - Electron. data (1 file). - Moscow, Saratov: Internet University of Information Technologies (INTUIT), IPR Media, 2020. - 191 p. - electronic. - The book is in the premium version of the ELS IPR BOOKS. - ISBN 978-5-4497-0304-0, unlimited copies.
3. Life Safety Electronic resource / Kholodov O. M., Duts V.I., Kublanov A.M., Kulikova T.A., Shumansky I.I.: a textbook. - Voronezh: VGIFK, 2020. - 206 p. - ISBN 978-5-905-654-68-8, unlimited copies.

8.1.2. Additional Literature

1. Alekseev, V.S. Life Safety. Electronic resource: Textbook for secondary vocational education / V.S. Alekseev, O.I. Zhidkova, I.V. Tkachenko. - Life Safety, 2020-08-30. - Saratov: Nauchnaya Kniga, 2019. - 159 p. - The book is in the premium version of the ELS IPR BOOKS. - ISBN 978-5-9758-1890-4 (unlimited copies).
2. Life Safety Electronic resource: a textbook. - Kemerovo: T.F. Gorbachev Kuzbass State Technical University, 2020. - 214 p. - The book is in the premium version of the ELS IPR BOOKS - ISBN 978-5-00137-179-3 (unlimited copies).
3. Krivoshein, D.A. Life Safety Electronic resource / Krivoshein D. A., Dmitrenko V. P., Gorkova N. V.: a textbook. - Saint Petersburg: Lan, 2019. - 340 p. - Recommended by the Editorial and Publishing Council of the Moscow Aviation Institute (National Research University) as a textbook. - The book is in the basic version of the ELS IPRbooks. - ISBN 978-5-8114-3376-6 (unlimited copies).
4. Sazonova, A.M. Life Safety Electronic resource / Sazonova A. M., Kharlamova A. V., Shilova E. A. - Saint Petersburg: PGUPS, 2019. - 50 p. - The book is in the basic version of the ELS IPRbooks. - ISBN 978-5-7641-1387-6 (unlimited copies).

8.2. Educational-Methodological Support

1. Makarova E.V., Abakumets E.I. Life Safety (workshop) for students of all fields of study and specialties - 104 p. (manuscript) (electronic version).
2. Abdulina, E.R. Life Safety Electronic resource: a workshop / comp. E.R. Abdulina. - Stavropol: North-Caucasus Federal University, 2016. - 156 p. - The book is in the basic version of the ELS IPRbooks. (electronic version).
3. Methodological instructions for independent work of students for all fields of study and specialties. Comp. Makarova E.V., Abakumets E.I. - 35 p. (manuscript).

8.3. Internet Resources

1. Security Council of the RF // Access mode <http://www.scrf.gov.ru>;
2. Ministry of Internal Affairs of the RF // Access mode <http://www.mvd.ru>;
3. EMERCOM of Russia // Access mode <http://www.emercom.gov.ru>;
4. Ministry of Health of the RF // Access mode <http://www.minzdrav-rf.ru>;
5. Ministry of Defense of the RF // Access mode <http://www.mil.ru>;
6. Ministry of Science and Higher Education of the RF // Access mode <https://minobrnauki.gov.ru>;
7. Information and methodological publication for teachers of OBZh-EMERCOM of Russia // Access mode <http://www.school-obz.org/topics/bzd/bzd.html>;
8. Educational resources of the Internet – Life Safety // Access mode <http://www.alleng.ru/edu/saf.htm>;
9. Safety. Education. Human. Information portal of OBZh and BZhD: Everything about Life Safety // Access mode <http://www.bezopasnost.edu66.ru>.

9. Information Technologies, Including Software and Information Reference Systems

Computer equipment and demonstrations of multimedia presentation materials are used during lectures. In seminars and practical classes, students deliver presentations prepared during their independent work hours.

Information Reference Systems

1. Official website of the NCFU library. Access mode: <http://catalog.ncstu.ru>|catalog –.
2. Information reference system GARANT.RU // Access mode: <http://www.garant.ru/>
3. Information reference system ConsultantPlus. // Access mode: <http://www.consultant.ru>
4. Information reference system Techexpert // Access mode: <https://cntd.ru>
5. University Library Online // Access mode: <https://biblioclub.ru>
6. Student Consultant // Access mode: <https://www.studentlibrary.ru>
7. IPR Media // Access mode: <https://iprmedia.ru>
8. Znanium // Access mode: <https://znanium.com>

Software

1. Alt Workstation 10
2. Alt Workstation K
3. Alt Server
4. Office suite – R7-Office

10. Material and Technical Supplies

Lectures

A classroom for conducting classes, equipped with multimedia equipment and technical training aids.

Practical classes

A classroom for conducting classes, equipped with multimedia equipment and technical training aids.

- Basic set of lighting equipment Safety Signs (GOST 12.4.026-2001);
- Interactive electrified stand Electrical Safety;
- Interactive electrified stand Electrical Safety, protection means in electrical installations, with mock-up samples;
- Set of teaching and laboratory equipment Protection against Ultraviolet Radiation;
- Set of teaching and laboratory equipment Electrical Safety in Electrical Installations up to 1000 V (EBEU1-S-R-1);
- Set of teaching and laboratory equipment Protection against Laser Radiation;
- Set of teaching and laboratory equipment Investigation of Methods of Protection against Industrial Noise;
- Training interactive complex Systems for Monitoring and Ensuring Environmental and Industrial Safety of Production Facilities;
- Electrified stand Employment of Women and Workers Under 18 Years of Age in accordance with the Labor Code of the RF;
- Teaching and laboratory mock-up stand Fire and Security Alarm;
- Interactive touch module with light-dynamic indication Rules of Operation and Basic Safety Rules when Working with Laboratory Equipment;
- Multifunctional interactive 3D model Foundations of Electrical Safety;
- Set of teaching and laboratory equipment Investigation of Phenomena when Current Flows into the Ground;
- Set of teaching and laboratory equipment Investigation of Methods of Protection against Thermal Radiation;
- Set of teaching and laboratory equipment Electrical Safety in Residential and Office Premises BZhd-SR-2;

- Set of teaching and laboratory equipment Electrical Safety in Three-Phase AC Networks with Grounded Neutral ETSPT-ZN;
 - Mobile training complex Zhar-ptitsa DPD-01. Consisting of:
 - Multifunctional interactive stand-trainer First Aid to Victims;
 - Interactive electrified light-dynamic stand Electrical Safety Rules;
 - Mannequin simulator called Peter;
 - Multifunctional teaching and training complex Reanimator for teaching first aid at the scene for a special training program in specialized institutions of Emergency Committee (EMERCOM):
1. Male robot trainer (with a table with an integrated video surveillance system);
 2. Female mannequin simulator (with a table with an integrated video surveillance system);
 3. Teenager robot trainer (with a table with an integrated video surveillance system);
 4. Infant mannequin simulator (with a table with an integrated video surveillance system);
 5. Mannequin simulator for practicing the Heimlich maneuver;
 6. Specialized interface software and hardware complex;
 7. Electrified stand-trainer Stages of Providing First Aid at the Scene;
 8. Electrified stand-trainer Stopping Bleeding;
 9. Electrified stand-trainer Injuries and First Aid Measures 900x1500x40 mm;
 10. Electrified stand-trainer with a skeleton model Human Anatomical Structure;
 11. Multifunctional interactive stand-trainer Providing First Aid to Victims;
 12. Three-element magnetic marker board First Aid;
 13. Automated workstation of the teacher;
 14. Stand First Aid to a Drowning Person;
 15. Stand Transportation of Victims.

Independent work

A room for students' independent work, equipped with computer facilities with an active connection to the Internet and access to the electronic information and educational environment of the university.

Practical training

Carried out in the structural subdivisions of the university and (or) in organizations engaged in activities within the profile of the respective degree program, including its structural subdivisions.

11. Specific Features of Mastering the Discipline by Individuals with Disabilities and Health Issues

Students with disabilities are offered special textbooks, teaching aids and materials, as well as special technical training means for shared and individual use, the help from an assistant, as well as the services of sign language interpreters and tactile sign language interpreters.

The training for students with disabilities can be arranged jointly with other students, as well as in separate groups.

The training for students with disabilities is to be carried out in view of the specific features of psychophysical development, individual capabilities, and health status.

In order to ensure the accessibility of higher education (within the educational program) for persons with disabilities, the following is to be provided through the discipline (module):

- 1) for persons with visual impairments:
 - an assistant offering the required technical assistance, taking into account individual specifics (help taking the seat, moving around, reading, etc., including writing under dictation),
 - written assignments, as well as instructions, are offered in an enlarged font,
 - special textbooks, teaching aids, and didactic materials (with a large font or audio files) are provided,
 - individual uniform lighting of at least 300 lux,
 - if necessary, a magnifying device is to be offered to the student to complete the assignment;
 - 2) for persons with hearing impairments:
 - an assistant offering the required technical assistance, taking into account individual specifics (help taking the seat, moving around, reading, etc., including writing under dictation),
 - sound-amplifying equipment for collective use is ensured; if necessary, the learner is provided with sound-amplifying equipment for individual use;
 - proper sound means for reproducing information are to be provided;
 - 3) for persons with musculoskeletal issues (including severe motor function disorders of the upper limbs or absence of upper limbs):
 - written assignments are performed on a computer with specialized software or are dictated to an assistant;
- at the request of the student, assignments can be completed verbally.

12. Specific Features of Delivering the Discipline Employing Remote Learning Technologies and E-Learning

Subject to Part 1 of Article 16 of the Federal Law of December 29, 2012 # 273-FZ On Education in the Russian Federation, e-learning is viewed as the organization of educational activity using information contained in databases and used in the implementation of educational programs, and information technologies, technical means, as well as information and telecommunications networks that ensure its processing and transmission via communication lines of the specified information, and interaction of learners and pedagogical workers. Distance learning technologies are understood as educational technologies implemented mainly with the use of information and telecommunications networks with indirect (at a distance) interaction between students and pedagogical staff.

The discipline can be delivered through distance learning technologies and e-learning fully or in part. The components of the Academic-Methodological Complex (AMC) of the discipline (working program of the discipline, assessment and methodological materials, forms of attestation) implemented with distance learning technologies and e-learning contain an indication of their use.

When arranging educational activities employing distance learning technologies and e-learning, asynchronous and synchronous methods of interaction via the Internet may be provided.

When applying distance learning technologies and e-learning, the schedule for the discipline indicates: methods of interaction via the Internet (VCS – video conferencing, ET – electronic testing); links to the electronic information and educational environment of NCFU, to educational platforms and resources of other organizations to which open access is provided via the Internet; for synchronous learning – the time of online classes and teachers; for asynchronous learning – authors of online courses.

When arranging intermediate attestation distance learning technologies and e-learning, Methodological Recommendations on the use of technical means ensuring the reliability of results when conducting intermediate and state final attestation for higher education educational programs - Bachelor's programs, Specialist's programs, and Master's programs with distance learning technologies are used (Letter of the Ministry of Science and Higher Education of Russia of December 7, 2020, # MN-19/1573-AN On sending methodological recommendations).

The implementation of the discipline with e-learning and distance learning technologies is to be carried out using the electronic information and educational environment of NCFU, to which learners are offered access via the Internet, or using the resources of other organizations, including platforms offering services for video conferences, online meetings, and distance learning (MTS Link), as well as using the social networks to carry out communication between students and teachers.

The educational and methodological support of the discipline implemented with e-learning and distance learning technologies shall include the working program presented in electronic form,

educational and methodological manuals or a course of lectures, methodological guidelines for completing various types of educational activities envisaged by the discipline, and other educational and methodological materials available in the information and educational environment of NCFU.