

## SAFETY OF HUMAN LIFE AND ACTIVITUY

\_(name of the discipline)

### ANNOTATION TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION

Specialty 6-05-0722-05 Production of products based on three-dimensional technologies

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	Form of higher education
	Full-time (daytime)
Course	1
Semester	1
Lectures, hours	16
Laboratory classes, hours	16
Exam, semester	1
Classroom hours per academic discipline	32
Independent work, hours	76
Total hours per academic discipline / credit units	108/3

1. The purpose of the academic discipline The purpose of the academic discipline is the formation of a culture of life safety for future specialists, based on a system of social norms, values and attitudes that ensure the preservation of their life, health and performance in conditions of constant interaction with the environment.

2. Tasks of the academic discipline

As a result of studying the discipline, the student must:

know:

- theoretical and methodological foundations of life safety;
- legal, regulatory, technical and organizational bases for life safety in the field of labor protection, fire, radiation safety and protection of the population from emergencies;
- methods of research and analysis of factors that determine the specifics of human interaction with the environment and his behavior in the conditions of production activities;
- emergency situations, their classification and possible consequences for the life and health of people and the natural environment;
- natural and man-made sources of danger;
- basic principles and methods of protection against emergencies of various nature and their consequences;
- the procedure for the use of personal and collective protection equipment, primary fire extinguishing equipment;
- priority directions of environmental protection, energy saving and principles of using alternative energy sources;
- the main environmental problems at the present stage and the peculiarities of their manifestation at the local, regional and international levels;

be able to:

- to carry out organizational and technical measures to ensure life safety in industrial, domestic, social and natural habitats;
- Recognize sources of danger and take action to save your own life;
- use means of individual and collective protection, technical means of fire protection;
- provide first aid to victims in emergency situations, in case of accidents at work and at home until the arrival of an ambulance;
- promote the introduction of energy-saving technologies and make sound decisions on environmental protection and rational use of natural resources;

have skills:

- methods of research and analysis of factors that determine the specifics of human interaction with the environment and his behavior in the conditions of production activities;
- skills of correct behavior in emergency situations of natural and man-made nature;
- skills of protection against harmful and dangerous production factors;
- skills of search and analysis of information on environmental, radiation, fire safety;
- Skills in providing first aid using improvised means to victims in emergency situations, in case of accidents at work and at home if there is a threat to their lives before the arrival of an ambulance.

The discipline "Safety of human life" is included in the module "Safety of human life", state. component.

3. Requirements for mastering the academic discipline

Mastering this academic discipline should ensure the formation of the following competencies:

БПК-15 - Apply methods to protect production personnel and the population from the impact of negative factors of anthropogenic, technogenic, natural origin principles of environmental management and energy conservation ensure healthy and safe working conditions

4. Requirements and forms of current and intermediate certification.

As a form of monitoring the current progress, the defense of an individual task (abstract), control work, and current certification in the form of an exam are used.