

Документ подписан простой электронной подписью
Информация о владельце:
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Дата подписания: 03.07.2023 10:22:36
Уникальный идентификатор документа:
b47f96eead1664739f94dbf7fb0b180b3e14a

Discipline annotation

Discipline name	Безопасность жизнедеятельности / Health and Wellness
Summary	Subject and tasks and basic concepts of the Health and Wellness discipline. The system "man - environment" and the basics of interaction in it. Basic principles, methods and axioms of life safety. Taxonomy of hazards. Criteria and parameters of technosphere safety. Negative factors of the technosphere. The concept of comfortable and optimal conditions for human life and activity. Microclimate parameters. Characteristics of lighting and light environment. Systems of human perception of the state of the environment. Classification of harmful substances, state of aggregation, routes of entry of harmful substances into the human body. The effect of harmful substances on the human body. Classification of harmful substances, state of aggregation, routes of entry of harmful substances into the human body. Negative impact of harmful substances on the environment. Main characteristics of vibrations. Parameters characterizing acoustic oscillations (noise). Main types and causes of electric shock. Classification and characteristics of non-ionizing electromagnetic fields. The effect of non-ionizing electromagnetic fields on the human body. General characteristics of fires. Classification of substances and materials according to fire hazard. Basic concepts and definitions, classification of emergencies and objects of the economy according to potential danger. Phases of development of emergencies. Affecting factors of sources of man-caused emergencies. Terrorism and terrorist activities. Arranging evacuation of the population and personnel from emergency zones. Measures of medical care to the population. Personal protective equipment and the procedure for their use.
Learning outcomes of the discipline	- is familiar with the general characteristics of ensuring security and sustainable development in various areas of life; classification of emergency situations of a military nature, principles and methods of arranging the protection of the population from dangers arising in peacetime and during the hostilities - assesses the likelihood of a potential hazard in everyday life and professional activities and takes measures to prevent it - applies the basic methods of protection in the event of a threat and the occurrence of emergencies and military conflicts in everyday life and professional activities
Workload, c. u.	3c. u.
Reporting Forms	Exam- 7th semester
List of essential and supplementary literature necessary for mastering the discipline	
Essential literature	1 Life safety / Electronic source: Laboratory workshop / O. M. Zinovieva [et al.]. - Life safety, 2019-09-01. - Moscow: MISiS Publishing House, 2019. - 179 p. - The book is in the premium version of IPR BOOKS ELS. - ISBN 2227-8397, unlimited copies 2 Life safety / Electronic source: laboratory workshop for Bachelor's Degree students in the training programs 15.03.02 "technological machines and equipment", 44.03.01 "pedagogical education", 44.03.04 "professional training", intramural. - Krasnoyarsk: SibSU named after academician M. F. Reshetnev, 2019. - 116 p., unlimited copies
Supplementary literature	1. Life safety for students in the training programs of engineering and technology: textbook / A. Yu. Darzhania, E. R. [et al.]; NCFU - Stavropol: NCFU, 2019. - 603 p. - Bibliography: p. 597-603. - ISBN 978-5-9296-0725-7. 2. Rysin Yu. S. Life safety / Yu. S. Rysin / A. K. Slanov: study guide, ed. by A. N. Pavlov / Electronic source. - Life safety, 2022-04-04: Moscow Technical University of Communications and Informatics; Moscow, 2019. - 67 p. - The book is in the basic version of IPRbooks ELS.

