

## Syllabus

### Organization of working conditions management

№	Field name	Detailed content, comments
1.	Name of the faculty	Faculty of Automatics and Computerized Technologies
2.	The level of higher education	First (bachelor's) level
3.	Code and title of specialty	All specialties of the university
4.	The type and title of the educational program	
5.	Code and title of the discipline	Organization of working conditions management
6.	Number of ECTS credits	3
7.	The structure of the course (distribution by type and hours of training)	Lectures – 18 hours Practical lessons – 12 hours Independent work - 54 hours Consultations – 6 hours Test – 2 hours
8.	Schedule (terms) of study of the subject	2-3 courses, 4-6 semester
9.	Prerequisites for learning the discipline	Life safety
10.	Abstract (content) of the discipline	<p>The discipline provides students with modern knowledge on the theoretical foundations of effective management of working conditions in order to carry out productive professional activities in enterprises (objects of economic, economic and scientific-educational activities), the formation of responsibility for personal and collective safety and awareness of the need for full implementation. the scope of all measures to ensure occupational safety in the workplace</p> <p>Section 1. The main provisions of management systems for working conditions during production activities.</p> <p>Topic 1.1. The purpose and objectives of the discipline.</p> <p>Topic 1.2. Requirements of international standards for occupational safety management.</p> <p>Topic 1.3. Modern approaches to the management of working conditions.</p> <p>Topic 1.4. Occupational safety management system at the enterprise.</p> <p>Topic 1.5. State management of labor protection.</p> <p>Topic 1.6. The procedure for developing a working conditions management system taking into account the requirements of OHSAS</p> <p>Section 2. Ensuring the safety of production</p>

		<p>processes</p> <p>Topic 2.1. Criteria for assessing working conditions at work.</p> <p>Topic 2.2. Modern methods and approaches to the analysis of working conditions in the workplace.</p> <p>Topic 2.3. Production factors that can cause professional diseases and methods and means of their elimination.</p> <p>Topic 2.4. Ensuring industrial safety and problems of industrial sanitation in the production room.</p> <p>Topic 2.5. Modern ergonomic requirements for workplaces</p>
11.	Competencies, knowledge, skills, understanding that a higher education acquirer has in the learning process	<p>Required competencies and skills:</p> <ul style="list-style-type: none"> <li>- choose the principles, methods and means of ensuring safe and harmless working conditions at work;</li> <li>- assess the environment in terms of personal safety, security of the team;</li> <li>- to organize monitoring of potentially dangerous situations and to substantiate the main approaches and means of saving life and health;</li> <li>- to organize workplaces in accordance with ergonomic requirements, to choose the optimal modes of work that ensure high efficiency of employees and the absence of labor intensity.</li> </ul>
12.	Learning outcomes of a Higher Education applicant	Ability to demonstrate knowledge and skills in the organization of working conditions management at work in order to improve the safety of production processes and high efficiency of employees
13.	Assessment system in accordance with each task for taking tests/exams	<ol style="list-style-type: none"> <li>1. Execute 6 practical classes (PC), receiving a grade for each software: (5-8) points.</li> <li>2. Write two classroom tests (CT), receiving a score for each CT: (15-26) points.</li> <li>3. Get at least 60 points per semester .</li> <li>4. Final grade Final = (5-8) x 6 PC +(15-26) x 2 CT = (60-100) points</li> </ol>
14.	The quality of the educational process	<p>Participants in the educational process adhere to ethical principles and rules established by law, which exclude academic plagiarism, fabrication, deception, writing off, etc. (<a href="http://lib.nure.ua/plagiat">http://lib.nure.ua/plagiat</a>). The educational process is constantly improved through the introduction of topical issues of occupational safety and modern technologies. Update of the working program of the discipline – 2020. Students have the opportunity to engage in</p>

		research work, participate in scientific student conferences, seminars, clubs, exhibitions, etc.
15.	Methodological support	<ol style="list-style-type: none"> <li>1. Complex of Scientific and Methodological Support (<a href="http://catalogue.nure.ua/knmz">http://catalogue.nure.ua/knmz</a>).</li> <li>2. Methodical instructions for practical classes.</li> <li>3. Methodical instructions for independent work in the discipline.</li> <li>4. Methodical instructions for practical classes in the discipline</li> </ol> Сайт кафедри <a href="http://os.nure.ua">http://os.nure.ua</a>
16.	The developer of the Syllabus	Head of the Safety Engineering Department Tatyana Stytsenko, <a href="mailto:tatiana.stytsenko@nure.ua">tatiana.stytsenko@nure.ua</a> Associate Professor of Safety Engineering Department Oleksandr Mamontov, <a href="mailto:aleksandr.mamontov@nure.ua">aleksandr.mamontov@nure.ua</a>