

Occupational safety and health

(course title)

COURSE SYLLABUS ABSTRACT

**6-05-0732-02,
7-07-0732-01**

(speciality code and name)

**" Expertise and property management ",
" Construction of buildings and structures "**

(specialisation code and name)

	STUDY MODE		
	full-time 6-05-0732-02	full-time 7-07-0732-01	part-time 7-07-0732-01
Year	2	2	3
Semester	4	4	5
Lectures, hours	34	34	8
In-class test (semester, hours)	16	16	4
Differentiated exam, semester	4	-	-
Contact hours	50	50	12
Independent study, hours	58	58	96
Exam, semester	-	4	5
Total course duration in hours / credit units	108/3		

1. Course outline
The academic discipline contains the main sections: laws and regulations in the field of labor protection; organization of labor protection in a construction enterprise; industrial sanitation; industrial safety; electrical safety and fire safety.
2. Course learning outcomes
Legislation, upon completion of the course, students will be expected to know:
other regulatory legal acts in the field of labor protection; the main provisions of the labor protection management system at construction enterprises; dangerous and harmful production factors, methods for their identification and elimination; fundamentals of the theory of labor protection in the design, construction and operation of construction projects.
Be able to:
Create a labor protection management system at a construction company; implementation of organizational and engineering measures to ensure safe working conditions; perform calculations of the main parameters of systems and devices.
Possess:
Skills in analyzing the labor protection management system at a construction company; methods for calculating the main parameters of protective systems and devices; methods of identification and elimination of hazardous and harmful production factors.
3. Competencies
Assess the environmental and energy sustainability of materials, technologies and production, formulate measures to protect the population in emergencies of a natural and man-made nature, ensure radiation safety, develop labor protection measures, methods and techniques for safe work performance, protection of human life and health.
4. Requirements and forms of current and intermediate certification
Intermediate certification is performed in the form of four tests using test tasks. The current certification is an exam.