

LABOR PROTECTION
(name of the discipline)

ABSTRACT
TO THE CURRICULUM OF A HIGHER EDUCATION INSTITUTION

Specialty 1-70 03 01 - Highways

Specialization 1-70 03 01 - Construction of roads airfields

	Form of higher education	
	Full-time (day)	Correspondence
Course	3	5
Term	6	10
Lectures	32	8
Laboratory classes	16	4
Classroom control work		10 term (2 h)
Exam	6	
Classroom hours for the academic discipline	48	12
Independent work	72	108
Total hours of academic discipline / credits	120 / 3	

1. The purpose of the discipline is to study laws and other regulatory legal acts, providing a legal basis for creating safe working conditions, as well as the fundamentals of the theory of labor protection in the design, construction and operation of highways.

2. Learning outcomes

The objectives of the discipline are to master the skills to create a labor protection system in a road enterprise.

As a result of mastering the discipline, the student should know:

- laws and other regulatory legal acts in the field of labor protection;
- the main provisions of the occupational safety management system at enterprises for the construction and operation of highways;
- dangerous and harmful production factors, ways to identify and eliminate them;
- fundamentals of the theory of labor protection in the design, construction and operation of highways. be able to:
- to create a labor protection management system at an enterprise for the construction and operation of highways;
- develop organizational and engineering measures to ensure safe working conditions;
- perform calculations of the main parameters of protective systems and devices. own:
- skills of analyzing the occupational safety management system at the enterprise;
- methods for calculating the main parameters of protective systems and devices ;
- methods of identification and elimination of dangerous and harmful production factors.

3. Formed competencies

Codes of formed competencies	The names of the competencies being formed
AK-1	Be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems
CJK-2	Be capable of social interaction
CJK-3	Have the ability to interpersonal communication
CJK- 4	Be able to work in a team
PIK-17	To carry out constant technical supervision of the condition of the operated transport facilities;
PIK-18	Conduct a survey of transport facilities with the identification of defects and damages

IIK-24	Provide training for personnel working on repair work, safety rules and carry out a timely knowledge check
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4. Requirements and forms of current and interim certification.

As a form of monitoring current academic performance, the protection of laboratory work, the protection of individual assignments, control work, and current certification in the form of an exam act.