

ПРОЕКТНЫЙ АНАЛИЗ

ANNOTATION TO THE CURRICULUM OF A HIGHER EDUCATION INSTITUTION

Specialty 1-70 03 01 Highways

	Form of higher education		
	Full-time (day)	Correspondence	Correspondence abbreviated
Course	5	5	5
Term	9	9	9
Lectures, hours	32	6	6
Credit, semester	9	9	9
Classroom hours for the academic discipline	32	6	6
Independent work, hours	30	56	56
Total hours of academic discipline / credits	62/2		

1. Discipline refers to the cycle of specialization disciplines.

The list of academic disciplines studied earlier, the assimilation of which is necessary for the study of this discipline:- economic theory;- construction of highways;- survey and design of highways;- economics of production;
The list of academic disciplines (cycles of disciplines) that will be based on this discipline: diploma design.

The purpose of the discipline is to train highly qualified road engineers who know the basics of marketing, management, methods of project analysis adopted by the world community, ready for project, research, organizational and managerial activities.

Objectives of the discipline:- formation of students' understanding of the role of enterprise management as the most important area of activity;- study of the theoretical foundations, management tools, marketing; analysis of modern approaches to the organization of project management;- study of approaches to evaluating the effectiveness of projects;- development of project management skills to ensure sustainable development and maintain the competitiveness of the enterprise in strategic planning;

2. As a result of mastering the academic discipline, the student must

To know:- general principles of transport operation in a market economy;- fundamentals of management and marketing in modern conditions;- fundamentals of analysis and implementation of projects in the transport sector of the economy,

be able to:- to form the organizational structure of management;- organize the work of the team to achieve the set goals;- to analyze technological processes and production activities;- evaluate the transport project in terms of environmental impact;- to make an economic analysis of the transport project;- to make an organizational and social analysis of the transport project;- to evaluate the results of the transport project;- do a financial analysis of the project.

own:- skills in using regulatory and technical literature and legislative acts;- project analysis skills in the construction industry.

3. The development of this academic discipline should ensure the formation of the following competencies:

Academic: - AK-1 Be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems; - AK-2 Possess a systematic and comparative analysis;- AK-3 Possess research skills;- AK-4 Be able to work independently;- AK-7 Have skills related to the use of technical devices, information management and computer work;- AK-8 Have oral and written communication skills.

Social and personal:- SLK-2 Be capable of social interaction;- SLK-3 Have the ability to interpersonal communication;- SLK-4 Be able to work in a team.

Project and research activities: - PK-1 To analyze and evaluate engineering-geological and hydrological conditions of construction of transport facilities; to take into account the influence of these conditions on the choice of design and technological solutions; - PC-2 To develop technical specifications for the projected object taking into account the results of research and development work;

Repair and maintenance activities: - PC-20 To know and improve methods of diagnostics, repair and reconstruction of highways; - PC-21 To implement in practice modern approaches to the organization of effective functioning of transport facilities.

Innovative activity: - PC-40 Define innovation goals and ways to achieve them; - PC-42 To develop business plans for the creation of a new production, technology improvement; - PC-47 Possess innovative technologies for the maintenance and repair of highways.

4. Requirements and forms of current and interim certification.

To assess the level of knowledge of students, the following diagnostic tools are used: questions for passing the test.