

ROAD ECONOMY

ANNOTATION

TO THE CURRICULUM OF A HIGHER EDUCATION INSTITUTION

Specialty 7-07-0732-01 «Construction of buildings and structures»

Concentration «Road of Construction»

	The form of higher education	
	Full-time	part-time shortened form of education
Year	3	3
Semester	5	5
Lectures, hours	34	
Practical classes (seminars), hours	34	
Course paper, semester	5	5
Credit, semester	5	
Contact hours	68	
Independent study, hours	40	
Total course duration in hours / credit units	108 h. / 3 credit units	36 h. / 1 credit unit

1. Summary of the academic discipline: transport, economics of road management, management structure, financing of road management, public financing, pricing, cost, efficiency of the enterprise..

2. Learning outcomes. As a result of mastering the discipline, the student must:

know:

- the concepts of market economy and competition;
- the importance of road transport in a market economy;
- fundamentals of state regulation of the road economy;
- fundamentals of legislation on the road sector;
- fundamentals of road finance;
- road management mechanism;
- the concept of investments, capital investments and their economic efficiency;
- fundamentals of financing and crediting of road construction organizations;
- fundamentals of entrepreneurship and management.

be able to:

- identify trends in road finance;
- to assess the impact of the condition of highways on the cost of transportation;
- calculate the economic efficiency of investments in road construction;
- calculate the economic efficiency of the introduction of new technology.
- solve problems related to the calculation of the cost and estimated cost of maintenance, current and capital repairs, reconstruction and new construction of roads, and construction of highways,

have the skills:

- the use of normative and technical literature;
- the use of a methodology for assessing the effectiveness of investments in road construction;
- carrying out technical and economic calculations, using economic methods to substantiate decisions made within the framework of future professional activity.

3. Formed competencies

To be capable of self-development and improvement in professional activity, to develop an innovative receptivity and the ability to innovate. Form the main cost items for the cost of road construction materials, products and structures, calculate the cost of construction and installation work and the cost of construction products.

1. Requirements and forms of current and interim certification

The current certification is a credit.

Intermediate certification - protection of an individual task, control work.

Form of conducting: mixed, testing and oral