REPUBLIC OF UZBEKISTAN

MINISTRY OF HIGHER EDUCATION, SCIENCE AND INNOVATION

KARSHI STATE TECHNICAL UNIVERSITY

"APPROVED"
Rector of Karshi State Technical University
_____Sh.K.Nematov
"12" 08 2025

TRANSPORT ECONOMICS
MODULE GUIDE

Field of knowledge: 400000 - Business, management and law
Field of education: 41000 - Business and management
Direction of education: 60410100 - Economics

Module links

Module name:	Transport economics
Code (if applicable)	TRIQT2605
Courses (if applicable)	6
Module teaching semesters	6
Language	Uzbek
Curriculum relevance	Optional
Type of teaching, contact hours	Lecture, laboratory.
Workload	Total workload: 150 hours, Auditory hours: 60 hours; Lecture: 30 hours, laboratory: 30 hours, Self-study: 90 hours
Credit points:	5
Recommended previous subjects	Economic Theory, Logistics, Digital Economy

Module objectives / expected learning outcomes	To teach students the theoretical foundations of transport economics, the role and functions of the transport system in the economy, transport infrastructure, transportation processes, cost structures, and the operational mechanisms of the transport services market, as well as to develop the skills necessary to apply this knowledge in practice.The objectives allow students to learn the following: to know and understand the key terms, concepts, and theoretical approaches related to transport economics; • to analyze transport modes, economic indicators of transportation processes, infrastructure development, transport costs, and the factors influencing tariffs; • to apply analytical tools used in evaluating transport efficiency, including cost–benefit analysis, freight and passenger flow analysis, and methods for assessing the transport market; • to present scientific and practical ideas in the field of transport economics clearly, coherently, and logically in both written and oral form; • to apply transport economics approaches to practical transportation processes, infrastructure projects, transport policy, and transport market analysis Expected outcomes of the module. 1. Theoretical knowledge and concepts. Students will acquire solid knowledge of the fundamental concepts of transport economics—transport modes, transport infrastructure, transportation processes, tariff policy, transport costs, and their relationship with logistics. They will develop the ability to use discipline-specific terminology correctly and interpret theoretical ideas. 2. Analytical skills. Students will analyze the efficiency of transport networks, the economic impact of freight and passenger flows, and indicators related to transport costs and time. They will be able to logically explain competition in the transport market, tariff formation, and the relationship between transport demand and supply. 3. Use of research and analytical tools. Students will develop skills in applying analytical approaches used in transport economics, such as cost–benefit analysis, transport project evaluation, flow modeling, and analysis based on charts and tables. They will learn to use transport models in practical situations. 4. Communication of ideas. Students will be able to express scientific and practical ideas related to transport economics clearly, consistently, and logically. They will be capable of providing well-reasoned explanations regarding transport systems, infrastructure projects, and transportation efficiency.

	5. Application of principles in practice. Students will be able to apply transport economics principles to solving real economic problems. They will gain skills in evaluating transport projects, developing infrastructure, optimizing transport costs, and formulating practical recommendations for transport policy.
Content	This discipline represents one of the modern branches of economics and aims to explain to students the formation and development of economic institutions as well as their impact on economic processes. The course on Institutional Economics examines the relationship between formal and informal institutions, property rights, transaction costs, contracts, incentive systems, and organizational performance, and it cultivates the ability to make decisions based on institutional approaches aimed at enhancing economic efficiency.
Study and exam requirements	**a) To obtain 90-100 points, the student's level of knowledge must meet the following requirements:** - fully explain the essence and content of the subject; - maintain scientificity and logic in presenting the topics in the subject, avoiding scientific errors and confusion; - have a clear idea of the theoretical or practical significance of the subject materials in the subject;

	- demonstrate the ability to think independently within the scope of the subject; - can answer the questions asked clearly and concisely; - has carefully prepared the outline; - has completed independent assignments completely and clearly; - has fully mastered the laws and other regulatory and legal documents related to the discipline; - has published a scientific article on one of the topics related to the discipline; - can interpret historical processes; **b) To obtain 70-89.9 points, the student's level of knowledge must meet the following requirements:** - understands the essence and content of the subject, does not allow scientific and logical confusion in explaining the topics in the subject; - understands the practical significance of the content of the subject; - performs the assigned tasks and assignments within the framework of the curriculum; - can correctly answer the questions asked in the subject; - has carefully formulated a subject outline; - has fully completed independent assignments in the subject; - has mastered laws and other regulatory documents related to the subject. **c) To obtain 60-69.9 points, the student's level of knowledge must meet the following:** - has a general understanding of the subject; - has some intricacies in covering and presenting the topics in the subject in a narrow scope; - if the presentation is not smooth; - if complex and confusing answers are given to questions on the subject; - if the text on the subject is not well-formed. **d) In the following cases with a score of 0-59.9, the student's level of knowledge may be assessed as unsatisfactory:** - if there is no preparation for the subject exercises; - if there is no idea about the subject exercises; - if it is noticeable that the texts on the subject have been copied from others; - if serious errors and confusions are made in the text on the subject; - if the questions asked about the subject are not answered; - - if the subject does not know the subject.
Exam formats	Oral, written, test
Means used	Complete subject assignments and successfully pass current, midterm, and final tests.

List of educational literature	Gregory Mankiw. Principles of Economics, Boston, MA, USA : Cengage Learning 2018. – 360 p. B.Y. Khodiyev, Sh.Sh. Shodmonov Economic theory. Textbook. - T.: "Barkamol fayz media", 2017, 784 pages. Sukharev O.S. Economic theory. Sovremennye problemy: uchebnik dlya vuzov / O.S. Sukharev. - Moscow: Izdatelstvo Yurayt, 2024. - 215 p.
Reviewer	S.N.Khamrayeva – KSU, Head of the Department of "Innovative Economics", Doctor of Economics, Professor. E.I.Ergashev – Professor of Tashkent State University of Economics, Doctor of Economics
Confirmed place and time	Developed and approved by Karshi State Technical University (Report No. 1, 26.08.2025)