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" 03 2025

INFRASTRUCTURE 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:	Infrastructure Economics
Code (if applicable)	II2605
Courses (if applicable)	3
Module teaching semesters	6
Language	Uzbek
Curriculum relevance	Optional
Type of teaching, contact hours	Lecture, laboratory.
Workload	Total workload: 150 hours, Auditory hours: 90 hours; Lecture: 30 hours, laboratory: 30 hours, Self-study: 90 hours
Credit points:	5
Recommended previous subjects	Theory of Economics; Information and Communication Technologies and Systems in Economics

Module objectives / expected learning outcomes	The purpose is to provide students with an in-depth understanding of the theoretical and methodological foundations of market infrastructure, the specific features of the functioning of its elements, market institutions, and their role in economic processes, as well as to develop skills for applying this knowledge in real practice. The objectives enable students to learn the following: - to understand the system of market infrastructure, its components, institutions, and service mechanisms; - to explain the economic interactions among infrastructure entities; - to use key indicators, statistical data, and analytical methods related to market infrastructure; - to present ideas on market infrastructure coherently and logically in scientific and methodological language; - to develop practical solutions for improving market infrastructure. Expected learning outcomes of the module The objective is to provide students with an in-depth understanding of the theoretical and methodological foundations of market infrastructure, the specific features of the functioning of its elements, market institutions, and their role in economic processes, as well as to develop skills for applying this knowledge in real practice. These objectives enable students to acquire the following competencies: understanding the system of market infrastructure, its components, institutions, and service mechanisms; explaining the economic interactions among infrastructure entities; using key indicators, statistical data, and analytical methods related to market infrastructure; presenting ideas related to market infrastructure in a coherent and logical manner using scientific and methodological language; developing practical solutions aimed at improving market infrastructure. Expected learning outcomes of the module Theoretical knowledge and concepts. Students will master the fundamental concepts and categories of the discipline Market Infrastructure, as well as the economic laws pertaining to market institutions and their activities. They will understand the essence of infrastructure entities

	such as exchanges, brokerage firms, logistics centers, banks, insurance organizations, and marketing services. They will be able to correctly apply the categories of market infrastructure and will develop the ability to interpret theoretical ideas. Analytical skills. Students will be able to work with economic data related to market infrastructure. They will analyze key performance indicators of infrastructure entities and compare numerical and statistical data on service markets, logistics flows, and the investment environment. They will be capable of drawing logical conclusions from economic processes. Use of research and analytical tools. Students will develop the skills to use economic analysis methods, graphs, and tables. They will learn to apply economic models and theories in practical situations. Communication and expression skills. Students will clearly and coherently express ideas related to market infrastructure in both oral and written forms. They will formulate arguments using scientific-methodological language, provide analytical explanations, and justify economic arguments. They will acquire the ability to prepare presentations on infrastructure-related issues. Application to practice. Students will be able to apply the functioning of infrastructure services to solving real economic problems. They will develop proposals for improving market infrastructure. By comparing Uzbek and international experiences, they will draw theoretical conclusions and evaluate infrastructure efficiency using practical examples. Market infrastructure is an integral component of the modern market economy, comprising a set of institutions, organizations, services, and intermediation mechanisms that ensure the efficient functioning of economic processes. This discipline is closely connected with both the theoretical and practical foundations of economics, offering students the opportunity to thoroughly study the real mechanisms of market operations. As a core course for economics-related fields, this subject provides students with fundamental knowledge about the structure of market infrastructure, the interrelationships among its elements, the functions of market institutions, and their role within the economic system.
Content	It represents an integral component of the modern market economy, encompassing a set of institutions, organizations, services, and intermediation mechanisms that ensure the efficient functioning of economic processes. This discipline

	is closely linked to both the practical and theoretical foundations of economics, providing students with an opportunity to explore the real mechanisms of market processes in depth. As a foundational course typically included in economics programmes, this subject equips students with essential knowledge about the structure of market infrastructure, the interrelationships among its elements, the functions of market institutions, and their role within the economic system.
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

	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	Ashurov, Z., & Tashkhodjayev, M. Infrastructure Economics. Textbook. Tashkent: TDIU, 2015, 225 pages. Ergashev, R. Kh., & Khamrayeva, S. N. Economics of Agricultural Infrastructure. Teaching manual. Tashkent: "Yangi Asr Avlodi," 2012, 332 pages. Abdurahmonov, Q. Kh., Abduramanov, Kh. Kh., & Qurboniyozov, I. R. Social Protection of the Population. Teaching manual. Tashkent: TDIU, 2010, 268 pages. T. D. Burmenko (Ed.). Service Sector: Economics, Management, Marketing. Textbook. Moscow: KNORUS, 2010, 424 pages. Voskolovich, N. A. Economics of Fee-Based Services. Textbook. Moscow: "Economika," 2007, 366 pages.
Reviewer	Ochilov, A. O. – Doctor of Economic Sciences, Professor, Department of Economics, Karshi State University. Samiyeva, G. T. – Associate Professor, Department of Innovative Economics, Karshi State Technical University; Doctor of Philosophy in Economics (PhD).
Confirmed place and time	Developed and approved by Karshi State Technical University (Report No. 1, 26.08.2025)