MINISTRY OF HIGHER EDUCATION, SCIENCE AND INNOVATION
OF THE REPUBLIC OF UZBEKISTAN
KARSHI STATE TECHNICAL UNIVERSITY

"APPROVED"
Rector _____ Sh.Q.Nematov
09.08 2025

INFRASTRUCTURE ECONOMICS
MODULE HANDBOOK

Field of Education:	**400000 –**	Business, Management and Law
Field of Study:	**410000 –**	Business and Management
Master's Degree Specialties:	**70410102-** **70410108-**	Economics (by sectors and fields), Regional Economics
Field of Education:	**1000000 –**	Services
Field of Study:	**1010000 –**	Services Sector
Master's Degree Specialties:	**71010401**	Logistics (by type of economic activity)

Module Information

Module Title:	Infrastructure Economics
Code (if applicable):	INFIQT 2704
Course (if applicable):	1
Semesters in which the Module is Taught:	1
Language of Instruction:	Uzbek
Relation to the Curriculum:	Elective module
Mode of Delivery / Contact Hours:	Lectures, Practical classes
Study Load:	Total workload: 150 hours Contact hours: 60 hours – Lectures: 30 hours – Practical classes: 30 hours Independent study: 90 hours
Credits:	4
Recommended Prerequisite Courses:	Economic Theory, Information and Communication Technologies and Systems in Economics

Module Objectives / Expected Learning Outcomes	The objective of the module is to develop students' in-depth understanding of the role and importance of infrastructure sectors in economic development, to form skills for evaluating the efficiency of infrastructure services, and to analyze their impact on socio-economic processes. The module also aims to provide knowledge on organizing the sustainable functioning of infrastructure sectors such as transport, communications, energy, education, healthcare, finance, and other infrastructure branches under market economy conditions, as well as on the effective use of innovative infrastructure.
Module Content	The course *Infrastructure Economics* studies the role and significance of key infrastructure sectors—such as transport, communications, energy, utilities, and social infrastructure—in ensuring the stable functioning and development of the economic system. The module focuses on the efficient use of infrastructure resources, analysis of their role in economic growth and regional development, and an in-depth study of infrastructure policy and management mechanisms.
Assessment and Examination Requirements	**a) For a score of 90–100 points, the student must:** • fully and comprehensively explain the essence and content of the module; • present topics with scientific accuracy and logical consistency, avoiding errors and confusion; • have a clear understanding of the theoretical and practical significance of the module materials; • demonstrate independent and critical thinking within the discipline; • provide clear and concise answers to assigned questions; • maintain well-prepared lecture notes; • fully and accurately complete independent assignments; • demonstrate full mastery of relevant laws and regulatory legal documents; • publish a scientific article on one of the module-related topics; • be able to analyze and interpret historical processes. **b) For a score of 70–89.9 points, the student must:** • understand the essence and content of the module and avoid major scientific or logical confusion; • understand the practical significance of the module; • complete assigned tasks within the curriculum requirements; • correctly answer module-related questions; • maintain well-structured lecture notes; • fully complete independent assignments; • demonstrate knowledge of relevant legal and regulatory documents. **c) For a score of 60–69.9 points, the student must:**

	• have a general understanding of the module; • present topics in a limited scope with some inconsistencies; • demonstrate insufficient clarity and coherence; • provide vague or confused answers; • have inadequately structured written materials. **d) For a score of 0–59.9 points, the student's knowledge may be assessed as unsatisfactory if:** • there is no preparation for classes; • the student lacks basic understanding of the module; • written materials are copied from other sources; • serious errors and inconsistencies are present; • no answers are provided to assigned questions; • the student demonstrates no knowledge of the subject.
Forms of Examination	Oral examination, written examination, test-based assessment
Teaching and Learning Tools	Completion of module-related assignments and successful participation in current, midterm, and final assessments.
List of Recommended Literature	1. Z.Ashurov., M.Tashxodjayev. Infratuzilma iqtisodiyoti. Darslik. – T.: TDIU, 2015 yil, 225-b. 2. Ergashev R.X., Xamrayeva S.N. Qishloq xo'jaligi infratuzilmasi iqtisodiyoti. – O'quv qo'llanma. – T.: "Yangi asr avlodi", 2012, 332 b. 3. Abdurahmonov Q.X., Abduramanov X.X., Qurboniyozov I.R. Aholini ijtimoiy muhofaza qilish. O`quv qo`llanma. T.: TDIU, 2010. – 268 bet. 4. Под.ред. Т.Д.Бурменко. Сфера услуг: экономика, менежмент, маркетинг. Учебное пособ. М.:КНОРУС, 2010 -424 стр. 5. Восколович.Н.А. Экономика платных услуг: учеб.пособ. М.: «Экономика», 2007. -366 стр.
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Approval Information	Developed and approved by **Karshi State Technical University** (Report No. 1, August 26, 2025)