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

ECONOMIC GROWTH
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:	The Economic Growth
Code (if applicable)	ECOGR2606
Courses (if applicable)	3
Module teaching semesters	6
Language	Uzbek
Curriculum relevance	Compulsory
Type of teaching, contact hours	Lecture, practical.
Workload	Total workload: 180 hours, Auditory hours: 76 hours; Lecture: 30 hours, practical : 46 hours, Self-study: 104 hours
Credit points:	6
Recommended previous subjects	Basics of economic knowledge, history of economic teachings

Module objectives / expected learning outcomes	To teach students to develop theoretical knowledge, analytical perspectives, and deep understanding of economic processes within the subject of *Economic Growth*. The course explores long-term development mechanisms of economic systems, the impact of production factors on growth, the relationship between economic policy and growth rates, international economic experience, and modern economic growth models. The objectives enable students to acquire the following competencies: • to conduct an in-depth analysis of the main determinants of economic growth; • to study production functions and growth models (Solow, Harrod–Domar, and endogenous growth models); • to evaluate the effects of labor productivity, capital accumulation, and technological innovation on economic growth; • to develop scientific and practical recommendations for promoting economic growth based on international experience; • to assess economic growth using the criteria of sustainability, efficiency, inclusiveness, and competitiveness. **Expected learning outcomes of the module** **1. Mastery of theoretical knowledge.** Students will acquire a deep understanding of the subject matter of economic growth, its key categories, determinants, and development laws. • They will learn to distinguish structural and qualitative indicators of growth, as well as intensive and extensive forms of development. **2. Analytical skills.** Using statistical data from various sources, students will analyze macroeconomic indicators: determine GDP growth rates, identify intensive and extensive factors of growth, calculate labor productivity, capital intensity, and technological growth. Students will be able to compare and analyze growth dynamics across countries. **3. Use of research and analytical tools.** Students will learn to use modern scientific and methodological tools in the field: SWOT analysis (to assess national economic growth potential), regression analysis, panel data modeling, forecasting based on time series, and the use of digital economic maps. They will acquire skills in working with real data, drawing evidence-based conclusions, and forecasting economic growth. **4. Communication and expression skills.** Students will justify and present economic growth processes in scientific and methodological language: • they will prepare academic articles, analytical commentaries, and presentations; conduct written and oral analysis of macroeconomic policy outcomes; and logically interpret conceptual approaches to economic growth. These

	skills will help them develop independent analytical and research capabilities. **5. Application in practice.** Students will propose practical solutions for designing economic growth policies: developing strategies to stimulate economic growth, improving labor productivity, formulating growth strategies using digital technologies, assessing growth based on sustainability and inclusiveness criteria, and conducting a comprehensive analysis of economic modernization processes. They will be able to prepare practical recommendations for national and regional growth strategies.
Content	This course is aimed at enabling students to acquire the theoretical foundations of economic growth, understand its determining factors, analyze development models, explore directions of economic modernization, and master the scientific and practical mechanisms of ensuring sustainable growth of the national economy. The subject *Economic Growth*, through its study area and research methods, is closely interconnected with macroeconomics, development economics, regional economics, international economic relations, innovation economics, and public administration.
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. 1. N. Gregory Mankiw. *Essentials of Economics*. 8th Edition. Cengage Learning; 8th edition (January 1, 2017). ISBN-13: 978-1337091992. (The PDF version of this textbook is available in the ARM library.) 2. Campbell R. McConnell, Stanley L. Brue, Sean M. Flynn. *Economics* (Irwin Economics). 21st edition, 2018. 3. B. D. Khajiyev, K. K. Mambetjanov. *Economic Theory*. Textbook. Tashkent: "IQTISODIYOT", 2019. 552 pages. 4. Vakhabov A. V. *Problems of Ensuring Sustainable Economic Growth and Implementing Structural Changes in the National Economy*. Textbook. February 22, 2020. 5. R. Kh. Ergashev, S. D. Khalikov, A. J. Toshbayev. *Innovative Economy*. Textbook. Tashkent: "Iqtisod-Moliya", 2019. 400 pages.
Editors	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)