REPUBLIC OF UZBEKISTAN

MINISTRY OF HIGHER EDUCATION, SCIENCE AND INNOVATION

KARSHI STATE TECHNICAL UNIVERSITY

"APPROVED"
Rector _____ Sh.K. Nematov
12.08 2025

CREATIVE THINKING
MODULE HANDBOOK

Field of study:	400000 –	Business, Management and Law
Area of education:	410000 –	Business and Management
Educational program:	60410100 –	Economics

Module Information

Module title	Creative Thinking
Code (if applicable)	CRF1405
Course (if applicable)	1
Semesters	4
Language	Uzbek
Relation to the curriculum	Compulsory
Teaching type and contact hours	Lecture, practical classes
Workload	Total workload: 150 hours Auditorium hours: 60 hours (Lectures: 30 hours, Practical classes: 30 hours) Independent study: 90 hours
Credits	5
Recommended prerequisites	Economic Theory, History of Economic Doctrines

Objectives / Expected Learning Outcomes	The purpose of the module is to develop skills in finding creative solutions and designing strategies for addressing problems that may positively affect the work process and life activities of students. Understanding the content of the course is essential for increasing personal thinking ability, evaluating creative and critical thinking skills, and studying approaches to thinking processes. **Expected outcomes** **1. Theoretical knowledge and concepts.** Students will understand the main theories and models of creative thinking; study thinking programs such as solving future problems and imagining goals, as well as training programs designed to develop thinking ability; they will acquire knowledge about personal creativity, creative tools, and how to apply them. **2. Analytical skills.** Students will describe the factors influencing the development and evaluation of creative and critical thinking, apply methods and strategies that stimulate creative thinking, use metaphorical thinking, and solve creative problems. **3. Use of research and analytical tools.** Students will acquire skills in using creative thinking tools, forming views and approaches, imitation and bodily cognition, and understand features of playing, changing and synthesizing in creative thinking. **4. Communication and expression.** Students develop skills in observation, imagination and abstraction in creative thinking, emotional relations, measured thinking and modelling, measuring creativity, and making decisions on different situations and problems. They will learn to justify their opinions using appropriate scientific language. **5. Application in practice.** Students will develop creative thinking abilities, learn to use brainstorming and project methods and strategies.
Content	"Creative Thinking" is a discipline focused on forming the ability to effectively participate in processes of generating, evaluating and improving ideas aimed at finding innovative (new, original, non-standard, etc.) and effective (practical, optimal, result-oriented) solutions, acquiring new knowledge, and expressing imagination impressively. Its tasks include forming theoretical knowledge, practical skills, methodological approaches to creative thinking processes, and scientific worldview; understanding the essence of laws and categories and developing personal attitudes toward them; determining the place and importance of a person in life.

Assessment Requirements	**a) For 90–100 points** - A student must: • fully disclose the essence and content of the subject; • avoid scientific and logical mistakes; • understand theoretical or practical significance; • demonstrate independent thinking; • provide precise and concise answers; • have well-prepared notes; • complete independent tasks fully and accurately; • master relevant laws and normative documents; • publish a scientific article on one of the topics. **b) For 70–89.9 points** A student must: • understand the essence and content of the subject and avoid confusion; • understand its practical significance; • complete tasks within the curriculum; • answer questions correctly; • have well-prepared notes; • complete independent tasks; • master normative documents. **c) For 60–69.9 points** A student: • has a general understanding; • explains topics narrowly with some inaccuracies; • presents material unclearly; • answers questions vaguely; • has poorly structured notes. **d) For 0–59.9 points** Unsatisfactory if: • unprepared for classes; • has no understanding of the subject; • text is copied; • serious mistakes are evident; • cannot answer questions; • does not know the subject.
Examination Types	Oral, written and test
Assessment Tools	Completion of tasks and successful passing of current, midterm and final assessments.
Literature	1. Peter Hollins. Mental Models. 30 Thinking Tools that Separate the Average From the Exceptional. Peter Hollins, 2019. 2. Carol S. Dweck. Mindset. Changing the way you think to fulfill your potential. Carmelite House, London, 2017. 3. Jumanova S.B. Creative Thinking. "Publishing Solutions", 2020. 4. Critical Thinking: Analyse, Doubt, Form Your Own Opinion / Tom Chatfield, Alpina Publisher, 2019.

Reviewers	S.N. Khamrayeva – Head of Department "Innovative Economics", Doctor of Economics, Professor X. Mukhriddinov – Professor, University of Economics and Pedagogy, Doctor of Economics
Approval	Developed and approved by Karshi State Technical University (Report №1, 26.08.2025)