



D. Serikbayev

**EAST
KAZAKHSTAN
TECHNICAL
UNIVERSITY**

SDG 4

Policy of NJSC «D. Serikbayev EKTU»



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1. GENERAL PROVISIONS

1.1 Goal



The D. Serikbayev EKTU implements a sustainable development strategy and adheres to a policy of inclusivity, countering discrimination and ensuring equal access to education throughout life. The University provides educational opportunities regardless of ethnicity, gender, health status, religion, social or financial status.

The University's policy is in line with the international principles of SDG 4 "Quality education" and the national regulatory documents of the Republic of Kazakhstan in the field of education and human rights.

The goal is to provide high-quality, accessible and inclusive education for all categories of citizens, including education for children, youth and adults, as well as the development of a lifelong learning system.

Objectives:

- to ensure equal access to educational programs for all categories of students;
- to support the academic freedom of students and teachers;
- to develop the professional competencies and knowledge of the teaching staff;
- expand opportunities for continuing education, including digital and distance learning;
- to develop international cooperation and academic mobility;
- enhance the reputation of the university and its educational programs among employers and in international rankings.

2. CURRENT MEASURES AT EKTU

2.1 Infrastructure for quality education



- Massive Open Online Courses (MOOCs) - 51 courses for students, professionals and anyone interested. The University has received 350 licenses for students and undergraduates to use the Coursera platform, which allows them to take courses from

leading foreign universities and integrate them into the educational process. In October 2024, another 150 licenses were added. The focus is on artificial intelligence courses.

- The Institute for Development and Advanced Training (IDaAT) is an organization for the professional development of employees and industry specialists
- "Silver University" provides education for older citizens in modern IT technologies, foreign languages, financial and legal literacy.

2.2 Inclusivity and non-discrimination

- Guarantee equal access to education regardless of gender, ethnicity, disability or social status.
- Zero tolerance policy towards discrimination, violence and corruption.
- Support for the academic freedom of students and teachers.

2.3 Strategic Development programs (2023-2029)

- Academic excellence and the training of a new generation of engineers.
- Implementation of the graduate model demanded by employers.
- Involvement of students in educational projects and research activities.
- International cooperation: joint educational programs with universities from the TOP 700 QS.

The implementation of strategic development programs is accompanied by an increase in international activity (see the table)

Indicator	Meaning
Academic mobility of students	1,4% (98 people)
Teaching in English	13,5% (52 people)
Teaching staff internship abroad	69% (266 people)
Involvement of foreign experts	12% (46 people)

2.4 Innovative educational projects

- The EKTU educational portal and the Automated information system "Educational Activity" provide digitalization of the educational process, automation of academic performance monitoring and distance learning.
- EKTU is actively implementing international online courses: students study on the Coursera platform, and in 2024 the university entered the TOP 7 universities in Kazakhstan under the Coursera Qazaq Tilinde project among 93 universities in Kazakhstan.



2.5 Programs for students and applicants

- The EKTU Educational Academy Summer Engineering School at the Prostor camp develops engineering thinking among schoolchildren.
- EKTU participates in the state program "Serpin-2050", providing an opportunity for young people from the southern regions to receive technical education and find a job in East Kazakhstan.
- A memorandum of cooperation was signed between the engineering school and the Education Department of the Shemonaiha district for early career guidance.



2.6 Международные и исследовательские инициативы



- The University is a beneficiary of the Erasmus+ CirculEc project, aimed at developing curricula on circular economy and sustainable development.
- The university has a VR/AR Competence and Technology Transfer Center that provides practice-oriented learning using virtual and augmented reality technologies.

3. EKTU IN RANKINGS ON SDG 4

In 2024, EKTU entered the group of 1001-1500 best universities in the world according to the Times Higher Education Impact Rankings.

According to SDG 4 "Quality education", the university ranks 1001-1500, which reflects the university's commitment to providing affordable and high-quality education, as well as developing lifelong learning programs.



4. PLANNED MEASURES

1. Development of research in the field of early childhood education and lifelong learning.
2. Publications of scientific papers on preschool education and life-long learning.
3. Further expansion of MOOCs and digital education programs.
4. Increasing international academic mobility and partnership programs.
5. Improving the quality of educational programs through the integration of innovative teaching methods (meta-learning, flipped classroom, case study).
6. Strengthening programs to develop an inclusive environment and accessibility of infrastructure for students with disabilities.
7. Expanding the activities of the "Silver University" to increase the coverage of older students.

5. EXPECTED RESULTS

1. Improving the academic reputation of the university in Kazakhstan and internationally.
2. Increase in the number of international students, undergraduates and doctoral students.
3. Further development of the lifelong learning system and the growing number of students in non-formal education.
4. Improving the quality of graduate training required by employers.
5. Strengthening the position of EKTU in the world rankings on SDG 4.
6. Formation of an inclusive educational space that excludes discrimination and ensures equal rights for all.