



## D. SERIKBAYEV EAST KAZAKHSTAN TECHNICAL UNIVERSITY

### Quick Facts

**Location (city, state):** Ust-Kamenogorsk

**Website:** <https://ektu.kz/?lang=en>

**Undergraduate student enrollment:** 4557

**Public/Private:** public

**Graduate student enrollment:** 476

**Type of Institution:** University

### **Institutional Description (limit 250 words):**

D. Serikbayev EKTU, located in Kazakhstan, stands out as a leading technical university with a student body exceeding 5,000 and a faculty of around 400 highly qualified teachers. Offering a diverse range of educational programs at the bachelor's, master's, and doctoral levels, the university's primary academic objective is to provide practice-oriented education that meets the demands of high-tech industries.

One of the university's key strengths lies in its strategic location near major enterprises across various industries. This proximity enables EKTU to actively contribute to the development of the local industry. For instance, the region is home to TMP, the world's largest titanium producer, which has established partnerships with renowned aerospace companies like Boeing and Airbus. Additionally, Kazzinc LLP, a major global zinc supplier, and UMP JSC, a leading enriched uranium supplier, are also situated in the region. Furthermore, Kazminerals LLP focuses on mining and processing copper, lead, and gold. The presence of these enterprises creates a conducive environment for EKTU to collaborate and tailor its academic programs and research to meet industry needs effectively.

In order to provide students with practical and industry-relevant education, EKTU actively recruits experienced professionals from the industry. By incorporating individuals with hands-on experience, the university effectively bridges the gap between theoretical knowledge and practical skills, thereby preparing students for the competitive job market. Moreover, EKTU has established partnerships with institutions such as the Tianjin Professional Institute in China to enhance educational opportunities. The inauguration of the Lu Ban Workshop in December 2023, focusing on advanced technologies in road transport, exemplifies EKTU's dedication to remaining at the forefront of technological advancements and addressing the industrial requirements of the region.

The University has made significant strides in cultivating a robust research and innovation ecosystem. Over the past two years, the budget allocated for science and innovation has seen a substantial increase of more than threefold. This investment is aimed at fostering collaboration with both Kazakhstani industry and international partners to establish integrated centers focused on personnel development, technological advancement, and innovative practices in three key areas: engineering, MMC (materials science and technology), and engineering in medicine. By combining expertise and resources from various sectors, we are dedicated to driving progress and making meaningful contributions to these priority fields. Our efforts are not only aimed at enhancing academic research but also at translating these advancements into tangible solutions that benefit society as a whole. Through strategic partnerships and a forward-thinking approach, we are committed to pushing the boundaries of knowledge and creating a lasting impact in the world of science and innovation.

### Partnership Information

**Possible Academic Areas of Collaboration:**

CDIO initiative  
Joint research projects in circular economy, mining, metallurgy, engineering education, educational technology  
STEM  
Writing Center

**Institutional Strengths:**

Connection with industry and stakeholders  
Research  
Green campus  
Educational technologies  
CDIO approach

**Partnership Interests:** *(e.g., faculty exchanges, student exchange, dual degrees, joint research, distance learning, etc.)*

Joint research application for funding  
Dual degrees  
CDIO approach implementation  
Educational technologies  
Student exchange  
Writing center

**Interest in Partnership:** Why are you interested in partnering with a U.S./Kazakh institution? What do you hope to gain from such a partnership?

Join research.  
Join project based learning/student exchange  
Implementation of

**Main Partnership Contact: (name, title, email):**

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