



**A. Burkitbayev Institute of Power and Mechanical Engineering**

**Department of «Mechanical engineering»**

**EDUCATIONAL PROGRAM  
6B07105- Industrial engineering**

**Code and classification of the field of education:** 6B07-Engineering, manufacturing and construction industries

**Code and classification of training directions:** 6B071-Engineering and engineering affairs

**Group of educational programs:** B064-Mechanics and metal working

**Level based on NQF:** 6

**Level based on IQF:** 6

**Study period:** 4 years

**Amount of credits:** 240

**Almaty 2025**

Educational program **6B07105 - Industrial engineering**

(code and name of educational program)

was approved at the meeting of K.I. Satbayev KazNRTU Academic Council

Minutes 10 dated « 06 » 03 2025.

was reviewed and recommended for approval at the meeting of K.I. Satbayev KazNRTU Educational and Methodological Council

Minutes 3 dated « 20 » 12 2024.

Educational program 6B07105- Industrial engineering

(code and name of educational program)

was developed by Academic committee on direction "6B071- Engineering and Technology "

Full name	Academic degree/ academic title	Position	Workplace	Signature
<b>Teaching staff:</b>				
Nugman E.Z.	Doctor PhD, Associate Professor	Head of the Department of "Mechanical Engineering"	Institute of Energy and Mechanical Engineering named after A.Burkitbaev	
Kerimzhanova M.F.	Candidate of Technical Sciences, Docent	Professor	Department of Mechanical Engineering	
Uderbayeva A.E.	Doctor PhD	Assoc. Professor	Department of Mechanical Engineering	
<b>Employers:</b>				
Andreev V.I.		General Director	Kazecotech STE LLP	
<b>Students</b>				
Myrzakhan A.		1st year doctoral student	Department of "Mechanical Engineering"	

## General information

№	Field name	Comments
1	Code and classification of the field of education	6B07- Engineering, manufacturing and construction industries
2	Code and classification of training directions	6B071- Engineering and engineering affairs
3	Educational program group	B064- Mechanics and metal working
4	Educational program name	6B07105- Industrial engineering
5	Short description of educational program	The professional activity of graduates of the program is directed to the field of mechanical engineering, additive manufacturing. In the educational program, students will receive professional knowledge of the basics of mechanical engineering technology, machining technology and machine assembly. They will acquire skills in designing machine structures and their parts, technological processes of machine production using modern software products (CAD/CAM/CAE).
6	Purpose of EP	The purpose of the educational program is the professional training of highly qualified specialists focused on the design and implementation of innovative and effective engineering technologies that promote sustainable development, the formation of a technically literate, socially responsible and environmentally oriented personality with creative thinking, capable of responding to the challenges of modern industry.
7	Type of EP	New
8	The level based on NQF	6
9	The level based on IQF	6
10	Distinctive features of EP	-
11	Education form	full-time
12	Period of training	4 years
13	Amount of credits	240
14	Languages of instruction	Kazakh, russian
15	Academic degree awarded	Bachelor of Engineering and technology
16	Developer(s) and authors	The educational program was developed by Academic committee on direction "6B071- Engineering and Technology "