



**Institute of «Automation and Information Technology»  
Department «Robotics and Engineering Tools of Automation»**

**EDUCATIONAL PROGRAM  
6B07113 – «Robotics and Mechatronics»**

Code and classification of the field of education:

**6B07 – «Engineering, manufacturing and construction industries»**

Code and classification of training directions:

**6B071 – «Engineering and engineering trades»**

Group of educational programs:

**B063 – «Electrical engineering and automation»**

Level based on NQF: **6**

Level based on IQF: **6**

Study period: **4 year**

Amount of credits: **240**

**Almaty 2025**


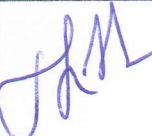
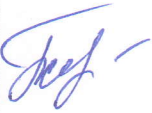
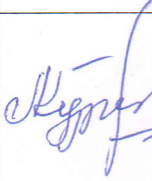


Educational program 6B07113 «Robotics and Mechatronics» was approved at the meeting of K.I. Satbayev KazNRTU Academic Council


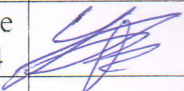
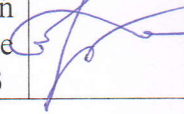

Minutes #10 dated 06.03.2025

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 6B07113 «Robotics and Mechatronics» was developed by Academic committee based on direction 6B071 Engineering and engineering trades.

Full name	Academic degree/ academic title	Position	Workplace	Signature
<b>Chairperson of Academic Committee:</b>				
Baktybaev Murat Kyrgyzbaevich	Candidate of Physical and Mathematical Sciences	Associate Professor	Department of «Robotics and Engineering Tools of Automation», K.I. Satbayev KazNRTU	
<b>Teaching staff:</b>				
Ozhikenov Kassymbek Adilbekovich	Candidate of Technical Sciences	Professor, Head of the Department	Department of «Robotics and Engineering Tools of Automation», K.I. Satbayev KazNRTU	
Berdibayeva Gulmira	Ph.D.	Associate professor of the department	Department of «Robotics and Engineering Tools of Automation», K.I. Satbayev KazNRTU	
Kurmangaliyeva Lazzat	Candidate of technical sciences	Associate professor of the department	Department of «Robotics and Engineering Tools of Automation», K.I. Satbayev KazNRTU	
Alimbaev Chingiz Abdraimovich	Ph.D.	Associate professor of the department	Department of «Robotics and Engineering Tools of Automation», K.I. Satbayev KazNRTU	
Bigaliyeva Zhanar Serykhanovna	Master of Technical Sciences	Senior lecturer of the department	Department of «Robotics and Engineering Tools of Automation», K.I. Satbayev KazNRTU	

			Automation», K.I. Satbayev KazNRTU	
<b>Employers:</b>				
Zhumagulov Arystanbek Kuzembayevich		Director	LLP "MEDREMZAVOD HOLDING", mobile phone: +77273440757	
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Temirlan Yergaliuly		Head	LLP "Corporation Saiman", mobile phone: +77002504323	
<b>Students</b>				
Meiram Adil Zeynelkabidenovich	3rd year student	6B07113 «Robotics and mechatronics»	KazNRTU named after K. I. Satpayev	

## General information

№	Field name	Comments
1	Code and classification of the field of education	6B07 – «Manufacturing and processing industries»
2	Code and classification of training directions	6B071 – «Engineering and engineering trades»
3	Educational program group	B063 – «Electrical engineering and automation»
4	Educational program name	6B07113 – «Robotics and Mechatronics»
5	Short description of educational program	Educational program «Robotics and mechatronics» is aimed at training professional bachelors in the field of design and construction of robots, robotic and mechatronic systems for industrial and non-industrial purposes.
6	Purpose of EP	The purpose of the educational program is training highly qualified, competitive, and in-demand specialists in robotics and mechatronics, capable of operating, maintaining, and adapting intelligent and energy-efficient robotic systems, ensuring the digitalization of production and sustainable development
7	Type of EP	New
8	The level based on NQF	6
9	The level based on IQF	6
10	Distinctive features of EP	No
11	Education form	full-time
12	Period of training	4 year
13	Amount of credits	240
14	Languages of instruction	English, russian, kazakh,
15	Academic degree awarded	Bachelor of Engineering and Technology
16	Develop and author	Ozhikenov K.A.