



**Institute of Automation and Information Technologies
Department of Automation and Control**

**EDUCATIONAL PROGRAM
6B07103 AUTOMATION AND ROBOTIZATION**

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: **B063 Electrical engineering and automation**

Level based on NQF: **6**

Level based on IQF: **6**

Study period: **4 years**

Amount of credits: **240 credits**

Almaty 2025




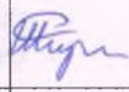
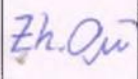

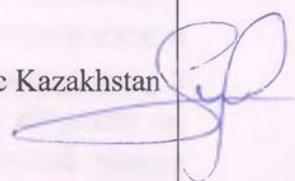
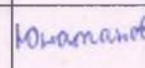

The education program “**6B07103 – Automation and robotization**” was approved at a meeting of the Academic Council of KazNITU named after K. I. Satbayev.

Protocol №10 «06» March 2025 y.

Reviewed and recommended for approval at the meeting of the Teaching and Methodological Council of KazNITU named after K. I. Satbayev.

• Protocol №3 «20» December 2024 y.

The educational program «**6B07103 – Automation and robotization**» has been developed by the academic committee of «**6B071 Engineering and Technology**».

Full name	Scientific degree / Academic title	Position	Workplace	Caption
Chairman of the academic committee:				
Sarsenbayev Nurlan	Candidate of technical sciences	Associate professor, head of the department	NAO «Kazakh National Research Technical University named after K. I. Satbayev»	
Teaching staff:				
Suleymenov Batyrkbek	Doctor of technical sciences	Professor	NAO «Kazakh National Research Technical University named after K. I. Satbayev»	
Beisembayev Akhambay	Candidate of technical sciences	Associate professor	NAO «Kazakh National Research Technical University named after K. I. Satbayev»	
Shiryayeva Olga	Candidate of technical sciences	Associate professor	NAO «Kazakh National Research Technical University named after K. I. Satbayev»	
Omirkbekova Zhanar	Doctor PhD	Associate professor	NAO «Kazakh National Research Technical University named after K. I. Satbayev»	
Employers:				
Abdigaliyev Serik	APCS engineer	General director	LLP «ACYTII-Honeywell»	
Saurambayev Zhiger	APCS engineer	Head of Industrial Automation and Solutions for Kazakhstan and Central Asia	Schneider Electric Kazakhstan	
Yunatanov Yurii	APCS engineer	General director	Process Automation LLP, Kazakhstan	
Students:				
Rakhimbetov Askar	Bachelor	2 nd year student	-	

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	B063 Electrical Engineering and Automation
4	Educational program name	6B07103 Automation and robotization
5	Short description of educational program	The educational program 6B07103 - Automation and robotics in the direction of personnel training 6B071- "Engineering and engineering" involves the training of highly qualified specialists in the field of automation, robotics, artificial intelligence and automated control.
6	Purpose of the EP	The purpose of the educational program 6B07103 "Automation and Robotics" is to create conditions for the development of personal, socio-cultural, engineering and professional competencies in the field of automation and robotics, meeting the needs for intellectual and creative development, taking into account the goals of sustainable development, promoting innovation and efficient use of resources.
7	Type of EP	New EP
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 years
13	Amount of credits	240 credits
14	Languages of instruction	Kazakh, Russian, English
15	Academic degree awarded	Bachelor of Engineering and Technology
16	Developer(s) and authors:	Sarsenbayev N.S., Manatov K. A.