



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

**EDUCATIONAL PROGRAM  
7M07101 AUTOMATION AND ROBOTIZATION**

Code and classification of the field of education: **7M07 Engineering, manufacturing and construction industries**

Code and classification of training directions: **7M071 Engineering and Engineering affairs**

Group of educational programs: **M100 Automation and management**

Level based on NQF: **7**

Level based on IQF: **7**

Study period: **2 years**

Amount of credits: **120 credits**

**Almaty 2025**





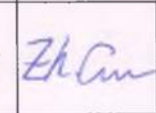


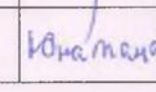
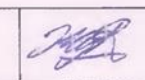
The education program “7M07101 – Automation and robotization” was approved at a meeting of the Academic Council of KazNITU named after K. I. Satbayev.

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 «7M07101 – Automation and robotization» has been developed by the academic committee of «7M071 Engineering and Engineering affairs».

Full name	Scientific degree / Academic title	Position	Workplace	Caption
<b>Chairman of the academic committee:</b>				
Sarsenbayev Nurlan	Candidate of technical sciences	Associate professor, head of the department	NAO «Kazakh National Research Technical University named after K. I. Satbayev»	
<b>Teaching staff:</b>				
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»	
Omirbekova Zhanar	Doctor PhD	Associate professor	NAO «Kazakh National Research Technical University named after K. I. Satbayev»	
<b>Employers:</b>				
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	
<b>Students:</b>				
Shukenov Zhalgas	Master	1 <sup>st</sup> year master's student	-	

## General information

<b>№</b>	<b>Field name</b>	<b>Comments</b>
1	Code and classification of the field of education	7M07 Engineering, manufacturing and construction industries
2	Code and classification of training directions	7M071 Engineering and Engineering affairs
3	Educational program group	M100 Automation and management
4	Educational program name	7M07101 Automation and robotization
5	Short description of educational program	Educational program 7M07101 Automatization and robotization involves the training of highly qualified specialists in the field of automation, robotics, artificial intelligence and automated control.
6	Purpose of EP	Training of highly qualified specialists who are proficient in modern methods of automation, robotics, and intelligent management, capable of innovative activities and developing sustainable technological solutions.
7	Type of EP	New EP
8	The level based on NQF	7
9	The level based on IQF	7
10	Distinctive features of EP	No
11	Education form	full-time
12	Period of training	2 years
13	Amount of credits	120 credits
14	Languages of instruction	Kazakh, Russian, English
15	Academic degree awarded	Master of Engineering
16	Developer(s) and authors:	Sarsenbayev N.S., Manatov K. A.