



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

**EDUCATIONAL PROGRAM
8D07101 AUTOMATION AND ROBOTIZATION**

Code and classification of the field of education: **8D07 Engineering, manufacturing and construction industries**

Code and classification of areas of study: **8D071 Engineering and Engineering affairs**

Group of educational programs: **D100 Automation and management**

NQF level: **8**

ORC level: **8**

Duration of study: **3 years**

Volume of credits: **180 credits**

Almaty 2025

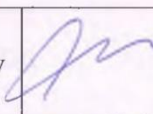
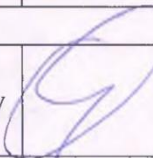


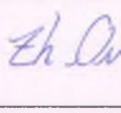

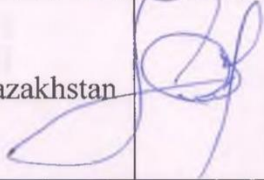
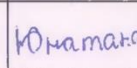
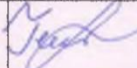
The education program “**8D07101 – Automation and robotization**” was approved at a meeting of the Academic Council of KazNITU named after K. I. Satbayev.

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 «**8D07101 – Automation and robotization**» has been developed by the academic committee of «**8D071 Engineering and Engineering affairs**».

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»	
Omirbekova Zhanar	Doctor PhD	Associate professor	NAO «Kazakh National Research Technical University named after K. I. Satbayev»	
Employers:				
Abdigaliyev Serik	APCS engineer	General director	LLP «ACYTH-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:				
Zhailimisova Gulnaz	PhD	2 st year PhD student	-	

General information

№	Field name	Comments
1	Code and classification of the field of education	8D07 Engineering, manufacturing and construction industries
2	Code and classification of training directions	8D071 Engineering and Engineering affairs
3	Educational program group	D100 Automation and management
4	Educational program name	8D07101 Automation and robotization
5	Short description of educational program	The educational program 8D07101 Automation and Robotization of Doctor of Philosophy training has a scientific and pedagogical focus and involves fundamental educational, methodological and research training and in-depth study of disciplines in the areas of automation and robotics for the postgraduate education system and the research sector.
6	Purpose of EP	The preparation of highly qualified scientific and pedagogical personnel, proficient in modern methods of automation, robotics, and intelligent management, capable of developing innovative solutions, conducting world-class scientific research, and contributing to the sustainable development of society through the integration of science, technology, and education.
7	Type of EP	New EP
8	The level based on NQF	8
9	The level based on IQF	8
10	Distinctive features of EP	No
11	Education form	full-time
12	Period of training	3 years
13	Amount of credits	180 credits
14	Languages of instruction	Kazakh, Russian
15	Academic degree awarded	Doctor of Philosophy (PhD)
16	Developer(s) and authors	Sarsenbayev N.S., Manatov K. A.