

INNOVATIVE UNIVERSITY OF EURASIA

APPROVE
Vice-Rector for Academic Affairs

[Signature]
(Full name) *[Signature]*
« 15 »



CURRICULUM **Modern robotic systems** **(name of the course, seminar, training)**

For the management staff of the enterprise, engineers, specialists
(specialists, category of listeners)

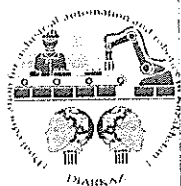
№	The content of the discipline (topic or section)	Number of hours		
		Total	including	
			Lecture	Pract
1 module. Architecture of computer control systems				
1	Programmable microcontrollers	8	4	4
2	Mobile application development	8	2	6
3	Integrated and microprocessor circuitry	8	2	6
Module 2. Programming and cloud computing technologies				
1	Algorithms, data structures and programming	8	4	4
2	Object-oriented programming	8	4	4
3 module. Automation and management				
1	Modern automation technologies	8	4	4
2	Automation of technological processes and productions	8	2	6
3	Measuring instruments and automation devices	8	2	6
4	Robotic system drives	8	2	6
Total		72	26	46

Discussed and approved at the expanded meeting of the Council for Academic Quality of the Faculty of Engineering and Technology

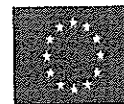
Protocol No. 4 "15 " December 2021

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Course card

Name of the course/program	Modern robotic systems
Target audience	For the management staff of the enterprise, engineers, specialists
Form of training	Full - time
Brief description, purpose of the program, formed competencies	Be able to use existing software packages and, if necessary, develop new software necessary for information processing and control in robotic systems
Structural division	Faculty
Keywords (5 words)	Robotics, programming, automation, microcontrollers, mobile applications
Requirements for students of the program	-
Completion document	Certificate
Number of hours	72