

Review

*of the educational-professional program
"Automation, Computer-Integrated Technologies and Robotics"
master's level of higher education specialty 174
"Automation, Computer-Integrated Technologies and Robotics",
knowledge domain 17 "Electronics, Automation and Electronic Communications",
qualification - Master of Automation, Computer-Integrated Technologies and Robotics*

A curriculum "Automation, Computer-Integrated Technologies and Robotics" has been submitted for review. It is intended for a master's degree in specialty 174 "Automation, Computer-Integrated Technologies and Robotics" from the field of knowledge 17 "Electronics, Automation and Electronic Communications". The goal of the program is to prepare highly qualified specialists capable of solving complex tasks in design, improvement, modernization, operation and maintenance of automation systems and their components. The program pays special attention to digital transformation within the framework of Industry 4.0.

The structure, content and components of the curriculum are logical and clearly interconnected. It largely meets the general requirements of the higher education standard for master's level and master's qualification in the field of knowledge 17 "Electronics, Automation and Electronic Communications" in the specialty 174 "Automation, Computer-Integrated Technologies and Robotics", developed by the Ministry of Education and Science of Ukraine.

The presented curriculum provides both general and professional competencies necessary for students to form their professional and scientific level. The curriculum very well combines analytical training, the necessary theoretical knowledge, skills and abilities, which ensure the mastery of the fundamentals and concepts of automation, computer-integrated technologies and robotics. This will allow students to solve complex theoretical, specialized and practical tasks in the process of fulfilling their professional duties.

The curriculum "Automation, Computer-Integrated Technologies and Robotics" fully meets the modern scientific, production and social needs and requirements for the level of preparation of masters in specialty 174 "Automation, Computer-Integrated Technologies and Robotics". The acquired knowledge and skills fully meet the needs of employers, scientific and educational institutions. This guarantees the level of performance of the practical professional activity of future engineers in their professional realization.

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