

**Review of the educational program 6B07113 - "Robotics and Mechatronic"
KazNTU named after K.I.Satpayev**

Saiman Corporation LLP has been cooperating for a long time with the Robotics and Automation Equipment Department of KazNTU named after K.I.Satpayev. Saiman Corporation LLP is a domestic manufacturer of electricity metering devices, its own development of the ASKUE software package (automated system of commercial electricity metering) SANAU, LED lamps and SAIMANLED lamps.

The educational program 6B07113 "Robotics and Mechatronics" is aimed at training bachelor professionals in the field of design and construction of robots, robotic and mechatronic systems for industrial and non-industrial purposes, the content of the educational program meets all the requirements of the State mandatory Standard of Higher Education of the Republic of Kazakhstan.

In the educational program, the principles of credit learning technologies and modularity of disciplines are applied, the trajectories of students' learning are observed. The curriculum uses the competence approach, which forms the skills, research and professional competencies of bachelors.

The developed educational program 6B07113 - "Robotics and Mechatronics" consists of: a curriculum for the entire training period, descriptions of selected disciplines from the DB and PD cycle, work programs of disciplines, professional practice programs, etc.

Every year, students of the Department of "Robotics and Technical Tools of Automation" have an internship with us. We invite the best of them to work.

The developed educational program 6B07113, "Robotics and Mechatronics" meets the requirements of the Ministry of Education and Science of the Republic of Kazakhstan.

As a suggestion, I recommend including in the curriculum special disciplines: "Robot control", "Sensor systems in robotics", "Robot design", "Robot drives", "Embedded systems in robotics", "Basics of Biomechanics", "Autonomous mobile robots", "Biomorphic and anthropomorphic robotics".

**Deputy Director of Production
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