

Mechatronics and robotics engineering

The specialty of mechatronics and robotics is one of the most modern specialties, which arose due to the high demand for production automation in industry and other areas. Although modern machines, devices and equipment have a mechanical basic design, there is a great need for the use of electronics, computer and software technologies to facilitate their control, improve product quality, productivity and safety. Therefore, every engineer working in modern manufacturing fields must have comprehensive knowledge in the mentioned fields of science and technology.

Industrial Engineering

This specialty is a new specialty that is rapidly developing not only in our republic, but also in countries around the world, and anyone studying this specialty can easily be employed in any industrial enterprise.

Food engineering

In this specialty, theoretical and practical directions in the creation of modern food technologies, technological methods of modern research methods in the production of food products, food additives, safe product production, biochemical bases, existing international legislation in the field of food production, safety requirements for food products and establishments, knowledge of prevention, minimization and management of existing risks and hazards is obtained.

Machine engineering

This specialty is a field of technical science that deals with the discovery and study of external and internal connections and patterns of technological processes of machine production. Developing a theory of technological support and improving the quality of products is the main goal of this science.

Mechanical engineering

This specialty is a broad-based specialty and includes the areas of design, creation, operation, management and control of mechanical devices (machines, equipment, instruments, devices, etc.) applied in all areas of modern industry and technology. Mechanical engineers also act as creative specialists in creating the scientific basis of mechanical systems and devices and conducting scientific research.

Device engineering

This specialty is a broad-based specialty and provides professional and specialized knowledge about measurement and information technologies, the technology of their production, testing and operation in modern industrial and medical institutions, import-export, as well as mechanical systems. Students in this specialty receive practical knowledge of device design, configuration and use.