

6B07111 Technical service of motor vehicles (master of industrial training)

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Preparation of highly qualified masters of industrial training, possessing professional competencies and personal qualities, capable of carrying out professional activities on the basis of technical, psychological and pedagogical disciplines and modern standards in this field of bachelor's training in the profile of Technical service of motor vehicles (master of industrial training).

Significance. The steady increase in the number of vehicles in our country now inevitably entails the need to address issues of its maintenance and repair. In accordance with this, there is an increasing demand for training middle-level technical personnel (which includes graduates of technical and vocational education), who should be able to work on modern technological and diagnostic equipment, to use devices and tools to perform high-quality maintenance and repair of cars. These circumstances served as the basis for many educational institutions of the technical and vocational education system to include in the list of their specialties and training of students in the specialty 6B07111 Technical service of motor vehicles (master of industrial training)

The quality of training of the future specialist and master of industrial training is the most important indicator of the work of the institutions of the technical and vocational education system and lies in the ability of the educational services provided to meet the needs and expectations of consumers. And in this an important role is played by the level of qualification of technical teaching staff.

The solution to the above problems is the training of qualified specialists in the field of vocational education with competencies in the field of training, as well as psychological, pedagogical and managerial competencies.

The educational program - 6B07111 Technical service of motor vehicles (master of industrial training) provides for the training of specialists for the transport sector of the economy of the Republic of Kazakhstan through the implementation of the principles of the Bologna Process and modern standards in this area of bachelor's degree, to provide high quality educational services in the field of professional and technical education.

Key disciplines you will study:

Basic engineering module:

- Descriptive geometry and engineering graphics
- Engineering mechanics (Statics, Dynamics)
- Computer graphics / Draft execution automation
- Fluid and gas mechanics, hydro and pneumatic actuator * / Pneumatic and hydraulic drives
- Labor protection and basics of life safety / Environmental Chemistry *

Design and Technology module:

- Computer-Aided Mechanism Design
- Technology of construction materials */ Materials in engineering design

- Design foundations and machine parts

Profile-technical module:

- Design and organization of technical service
- Repair, maintenance and technical diagnostics of motor vehicles
- Modern problems and directions of development of technologies for the use of vehicles

Profile-pedagogical module:

- Organization of educational work
- Methods of teaching technical disciplines
- Organization of research work
- Acmeology of professional development */ Formation of professional competence
- Internship

You can work:

- design-technical, technological sphere of professional activity in institutions of technical and additional professional education, in research, work out and design organizations and in production;
- pedagogical sphere of professional activity including training of specialists of working professions in the field of technical service of motor vehicles;
- service and technical, industrial sphere of professional activity, such as in car service centers for the sale, maintenance and repair of cars, at various maintenance stations of automotive equipment, in specialized enterprises providing car service services to individual consumers;
- research activities in the field of vocational education and in the workplace in the field of advanced training of employees in accordance with the specialization.