

Title of the direction - QUALITY MANAGEMENT (for bachelor course)

Educational program specialization - Quality Management in Production and Technological Systems (for bachelor course).

Quality management is an science of principles, methods and tools of quality management including totality of legal knowledge, practical activities of managers and training system for them.

INRTU is one of few universities where you can get such education. Only here they train unique specialists receiving integrated knowledge in the field of production and technological activities, economics and management.

You will study:

- Production and technological activities;
- Production processes and their classification into basic, auxiliary, and control processes;
- Development of new, more effective quality management tools;
- Technological foundations required for formation of product and service quality;
- Organizational and managerial activities;
- Formation of a strategic business plan, a vision, a mission and strategies necessary for the effective operation of the quality management system and the implementation of quality goals;
- Practical use of cost indicators providing product quality;
- Design and engineering activities;
- Development of modern methods for quality management systems designing, formation of project goals, criteria and indicators for achieving goals;
- Design and improvement of communication processes for the development and implementation of engineering management methods; lean production;
- Processes design to develop quality improvement strategies;
- The use of information technologies and computer-aided design systems based on a systematic approach.

Our graduates are able to monitor and master the methods of assess progress in the field of quality improvement; they can identify the main processes and develop models; as well as apply quality management tools.

Your skills will allow you to get a job in:

In state and local self-government bodies; in various fields of economic and entrepreneurial activity; at enterprises dealing with the certification of products and management systems, audit activity; in insurance companies.

The position of the future graduate will be entitled approximately as follows: Quality Control Specialist, Quality System Auditor, Specialist of Development Department, Specialist of the Department of Standardization and Description of Business Processes, Specialist of Technical Control.

The partner enterprises of of the direction are large companies and organizations of the city of Irkutsk and the region as a whole: Certification Association “Russian Register”, JSC "Angarsk Petrochemical Company", OJSC "Irkutskenergo", Industrial Association "Irkutsk Heavy Machinery Plant", Irkutsk Aviation Plant - an affiliate of Irkut Corporation, JSC "Trud", PJSC Gazprom. Our department cooperates with the largest organization for quality management systems certification in Russia - Certification Association “Russian Register”.