**Abstract of the programme**

**09.02.01 Computer systems and complexes**

**Program Title:** Computer systems and complexes

**Objectives of the programme:** Training technicians of computer systems in informatics and computer science, possessing common and professional competences, providing their demand in the professional sphere.

**Training course duration:** 3 years and 10 months of full-time training

**Professional activity field:** A collection of methods and tools for the development and production of computer systems and complexes; operation, technical maintenance, supporting and adjustment of computer systems and complexes; providing the software and hardware information protection in computer systems and complexes.

**Professional activity objects:** digital devices; computer aided design; normative and technical documentation; microprocessor systems; periphery equipment; computer systems, complexes and networks; means of information protection in computer systems, complexes and networks; selling complex technical systems; primary labor collectives.

**Professional activity types of graduates:** Design of digital devices, application of microprocessor systems, installation and setting of peripheral equipment, maintaining and repairing of computer systems and complexes, information about the profession "Operator of electronic and computing machines".

**Curriculum characteristics:** The curriculum provides all the necessary competence for the development and production of computer systems and complexes; for operation, technical maintenance, supporting and adjustment of computer systems and complexes; for providing the software and hardware information protection in computer systems and complexes.

**Disciplines and interdisciplinary courses:** "Engineering Graphics", "Applied Electronics", "Probability theory and Mathematical Statistics", "Information Technologies", "Digital circuitry", "Design of Digital Devices", "Technical maintenance and repair of computer systems and complexes", "Microprocessor systems", "Installation and configuration of periphery equipment", "Mastering the profession of "Operator of electronic and computing machines".

**The basic enterprises for practical training and employment are** Rosatom State Corporation, FSUE "Mayak" Production Association, service centres for maintaining of computer equipment in Ozersk, Chelyabinsk region.