

The "Telecommunications and Radio Engineering" Specialty

The curriculum for retraining the servicemen in the "Telecommunications and Radio Engineering" specialty is practically oriented and foresees the educational process in the following areas:

1) Creation and use of information and communication technologies and telecommunication systems.

2) Assessment and assurance of quality, reliability, fault and noise immunity and information security of information and communication systems and networks;

3) Design, construction and implementation of the latest information and communication technologies and intelligent information and communication systems (software platforms for informational communications, web, mobile and Internet technologies, intelligent information and communication technologies in communication services, cloud technologies, Internet of Things).

The curriculum

№	Name of sections and disciplines	Total hours	Including				Form of control
			Lectures	Name and surname of a teacher	Practical Lessons	Name and surname of a teacher	
Compulsory part							
1	Basics of radioelectronics	50	20		28		Exam-2
2	Circuitry of radioelectronic devices	32	10		20		Exam-2
3	Microprocessor systems in radioelectronic devices	32	10		20		Exam-2
4	Engineering and computer graphics	40	14		24		Exam-2
5	Computer software in engineering	40	14		24		Exam-2
6	Computer technologies for designing electronic devices	40	14		24		Exam-2
7	Economics and organization of production	36	12		22		Exam-2
Elective part							
8	Basics of digital communication	18	6		10		Credit-2
9	Basics of marketing	40	14		24		Credit-2
10	Employment technology	12	4		8		
11	Comprehensive exam	10					Exam-10
Total hours		350	118		204		28

The Graduate's Area of Activity

Activities in the field of development, programming, operation and maintenance of electronic and telecommunication devices, devices and systems of television and communication, including mobile, circuit design and programming of devices with microprocessor control. Organization of repair posts, maintenance, certification centers and product quality.