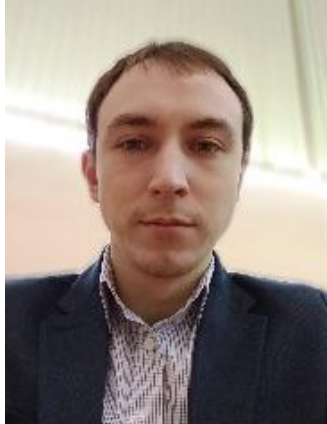


<p style="text-align: center;">Area of study: 11.03.04 General Electronics and Nanoelectronics Program Electronics</p> <p>Degree: bachelor Program length and study mode: 4 years, intramural Language: Russian Credits: 240 Start date: 2020 Location: Taganrog, the Institute of Nanotechnologies, Electronics and Equipment Engineering</p> <p>Entry requirements: List of entrance tests and minimum scores: Russian language – 55; Mathematics - 50; Physics - 51. On the basis of higher education: Russian language – 55; Mathematics - 50; Electronics and electrical engineering - 51.</p>	<p style="text-align: center;">Program overview:</p> <p>You will receive training in electronics and nanoelectronics; Experience in studying the physical operating principles of electronic devices, its design and manufacturing technology; Skills of modern research and technological equipment running; electronic devices design; microcontrollers programming; electronic and nanoelectronic structures design using special software; electronic equipment maintenance.</p> <p>Program structure: The educational program is divided into three units: - courses (modules) - practical trainings - state final certification and the graduate qualification work defense.</p> <p>Typical units of study may include: Physics, Mathematics, Electronics and electrical engineering, etc. Special courses: Micro- and nanoelectronics, Impulse and digital devices, Fiber and integrated optics, Microwave devices, etc.</p> <p>Research areas: Solid-state and vacuum microwave microelectronics; radio optics, nanophotonics and optoelectronics.</p>	<p>Careers: The graduates of the program work as specialists in the field of development, design, production and maintenance of radio-electronic devices, systems and complexes in companies in the field of electronics and nanoelectronics, military-industrial complex, electronic industry, in companies developing, setting and maintaining any kind of electronic and computer equipment.</p> <p>Get in touch: - <i>Igor L. Zhityaev</i> - <i>Candidate of Technical Sciences</i> - +79085188756 - <i>izhityaev@sfedu.ru</i> - <i>WoS Researcher ID: G-3503-2016</i> - <i>Scopus author ID: 56818978700</i></p> 
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