



Telecommunication systems and railway transport networks

Field of professional activity:

- ✓ enterprises related to the operation, repair and maintenance of wired communication systems, mobile and satellite communication systems;
- ✓ organizations engaged in the design of communication networks of any level; research and development.

What positions can graduates hold:

- electrician;
- electronics;
- senior electrician;
- head of the site, deputy head of the regional communications center, head of the regional communications center;
- design engineer;
- leading specialist;
- head of the department.

Our partners are companies for employment and internship:

- ✚ Enterprises of the Central Communication Station (including regional communication centers and communication directorates);
- ✚ PJSC IDGC of the South;
- ✚ Federal Research and Production Center Federal State Unitary Enterprise "Rostov-on-Don Research Institute of Radio Communications" (FNPC FSUE "RNIIRS");
- ✚ Rostov Design and Survey Institute "KAVZHELDORPROEKT" - branch of JSC "ROSZHELDORPROEKT";
- ✚ JSC "NIIAS";
- ✚ Rostelecom;
- ✚ Transtelecom.

In the course of training, disciplines will be studied:

- ❖ Theory of signal transmission;
- ❖ Transmission of discrete messages in railway transport Measurements in communication technology;
- ❖ Communication lines;
- ❖ Operational and technological communication;
- ❖ Multi-channel communication in railway transport Modern technologies of wireless telecommunication systems and networks;
- ❖ Switching systems in communication networks.