

Dual Vocational Education Program

Rail Signalization, Centralization, and Blocking

Title of Vocational Educational Program:

Rail Signalization, Centralization, and Blocking.

Qualification to be Awarded in Georgian and English:

Secondary Vocational Qualification in Railway Operation.

Programme aims:

The aim of the vocational education program is to train specialists in signaling, centralization, and blocking systems for railway transport, in accordance with the requirements of the railway industry.

Admission Prerequisites:

- Complete general education.

Employment Field and Opportunities:

After completing the secondary vocational education program "Signaling, Centralization and Blocking in Railway Transport", a person can be employed as a signaling, centralization and blocking specialist in railway operating organizations.

Structure and Modules:

For non-integrated vocational education programs:

The educational program includes 5 general modules with a total of 15 credits; 8 general vocational modules with a total of 25 credits; In the field direction - 6 specialization modules with a total of 50 credits;

To be awarded a qualification, a person must accumulate at least 90 credits, the duration of study is 24 months.

Description of Qualification/Learning Outcomes:

The graduate can:

- Manage information related to the profession;
- Describe the basic principles of organizational structure within a specific profession;
- Set and implement specific goals for professional growth and development;
- Work with metallic and non-metallic materials, and perform metalworking operations;
- Ensure a safe working environment in railway transport within the scope of their competence;
- Read and interpret drawings and diagrams;
- Plan the work process for a railway transport signaling, centralization, and blocking specialist;
- Use microprocessor, electronic, and electrical equipment in signaling, centralization, and blocking devices in railway transport;
- Perform technical maintenance and repairs on railway signaling, centralization, and blocking devices and systems;
- Install signaling, centralization, and blocking devices and systems in railway transport;
- Troubleshoot and eliminate faults in signaling, centralization, and blocking devices in railway transport.

Awarding Qualification:

To obtain a vocational qualification, a vocational student must accumulate credits in the specified modules of the vocational education program.

61.3% of the learning outcomes in the mandatory vocational modules of the vocational education program are achieved in a real work environment. An additional condition for granting a qualification is passing a qualification exam.

Location of Vocational Program Implementation:

The program will be implemented at the base of Railway Transport College and JSC Georgian Railway.

