

Dual Vocational Education Program

Railway Power Supply system's mechanic

Title of Vocational Educational Program:

Railway Power Supply system's mechanic.

Qualification to be Awarded in Georgian and English:

Secondary Vocational Qualification in Electricity.

Programme aims:

The aim of the educational program is to train competitive personnel for the electrical industry. The program also provides training for personnel in the railway power supply sector.

Admission Prerequisites:

Complete general education.

Employment Field and Opportunities:

After completing a secondary vocational education program, an individual can be employed in the railway electricity supply industry or any organization equipped with electrical installations, equipment, and power transmission lines.

Structure and Modules:

For non-integrated vocational education programs:

The secondary vocational education program includes 4 general modules with a total of 11 credits. 3 general vocational modules with a total of 12 credits and 9 mandatory vocational modules with a total of 69 credits.

To be awarded a secondary vocational qualification in electrical engineering, a person must accumulate 92 credits.

Duration of study: 24 months.

Description of Qualification/Learning Outcomes:

The graduate can:

- Carry out organizational and technical measures for the working environment of the railway power supply department;
- Measure electrical, mechanical, and geometric parameters of power supply equipment, installations, and protective devices;
- Provide technical service for railway power supply equipment and installations;
- Perform current repairs of railway power supply equipment and installations;
- Perform major repairs of railway power supply equipment and installations.

Awarding Qualification:

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

Location of Vocational Program Implementation:

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

The college has gained the right to award the BTEC international qualification for the vocational education program "Power Supply of Railway" and at this stage already has 18 successful graduates who have been awarded a double degree in Electricity with BTEC International accreditation.

