Dual Vocational Education Program

Railway car Maintenance mechanic

Title of Vocational Educational Program:
Railway car Maintenance mechanic.

Qualification to be Awarded in Georgian and English:
Secondary Vocational Qualification in Rail Motor vehicles.

Programme aims:
The aim of the vocational education program is to train specialists in rail motor transport, whose field of activity is wagon servicing.

Admission Prerequisites:
- Complete general education.

Employment Field and Opportunities:
After completing the secondary vocational education program in 'Wagon Maintenance,' an individual can find employment in any state or private organization involved in the service of rail motor transport. This includes positions in railways, metro systems, and wagon-building factories.

Structure and Modules:
For a non-integrated vocational education program:
The educational program includes 5 general modules worth 15 credits; 8 general vocational modules worth 25 credits, 7 concentration modules worth 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;
- Draw detailed diagrams and designs to scale;
- Calculate the main parameters of electrical equipment and installations;
- Ensure a safe working environment when working on railway transport facilities;
- Perform locksmith work;
- Inspect and repair refrigerated rolling stock;
- Inspect and repair the running gear of freight wagons;
- Inspect and repair the running gear of passenger wagons;
- Inspect and repair the wagon body and shock-absorbing devices;
- Inspect and repair braking devices;
- Inspect and repair the internal devices of passenger wagons;
- Inspect and repair the electrical installations and devices of passenger wagons.

Awarding Qualification:
To obtain the vocational qualification, a student must accumulate credits from the modules specified in the vocational education program. Seventy-three point four percent of the learning outcomes from the mandatory vocational modules are achieved in a real work environment. An additional requirement for granting the 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.