

Cooperative Vocational Education Program

Machine – Minder

Title of Vocational Educational Program:

Machine – Minder.

Qualification to be Awarded in Georgian and English:

Basic vocational qualification in Metal Trades .

Programme aims:

The program aims to provide a competitive workforce for the metalworking industry. Upon completing the "Metalworking Specialist" concentration with a focus on "Machine Operator," graduates will be able to program and operate metalworking machines, processing parts on machines in the turning, milling, and grinding groups. Graduates will also be equipped with both professional and general/transferable skills.

Admission Prerequisites:

- Basic education.

Employment Field and Opportunities:

A holder of a basic-level vocational qualification in metalworking (machine operator) can work in machine-building enterprises and industries such as food, light industry, transport, metallurgy, chemicals, mining, agriculture, and more, where machine tools and metal-cutting equipment are used. They also have opportunities for self-employment in machine building.

Structure and Modules:

To obtain a basic vocational qualification in metalworking, a vocational student must accumulate a total of 87 credits, of which 6 modules (17 credits) are general, 7 modules (33 credits) are general vocational, and 8 modules (37 credits) are concentration modules. The duration of the program is 17 months.

Description of Qualification/Learning Outcomes:

The graduate can:

- Prepare a part on a software-controlled metalworking machine;
- Prepare a part on a turning machine in the metalworking group;
- Prepare a part on a milling machine in the metalworking group;
- Prepare a part on a grinding machine in the metalworking group;
- Operate software-controlled, turning, milling, and grinding machines;
- Perform technical service on metalworking machines.

Awarding Qualification:

The awarding of qualifications is the prerogative of the N(N)LE Railway Transport College, and to obtain it, a vocational student must accumulate 86 credits from the modules specified in the vocational education program.

Location of Vocational Program Implementation:

The program will be implemented at the base of (N)NLE Railway Transport College.

