

Cooperative Vocational Education Program

Labor Safety and Environmental Technologies

Title of Vocational Educational Program:

Labor Safety and Environmental Technologies.

Qualification to be Awarded in Georgian and English:

Higher Vocational Qualification in Occupational Safety and Environmental Technology

Programme aims:

The aim of the program is to train qualified personnel who will be able to develop a mechanism to protect the lives, health and environment of employees and other persons in the workplace from the negative aspects of work, create conditions for healthy and decent work in accordance with the standards provided for by Georgian legislation, and ensure the implementation and management of labor protection measures.

Admission Prerequisites:

- Complete general education.

Employment Field and Opportunities:

After completing the program, the Occupational Safety and Environmental Technology Manager/Specialist can work in sectors such as construction, transport, mining, logistics, and education. Roles include safety manager, health protection inspector, environmental advisor, pollution inspector, occupational hygiene specialist, and waste management specialist, in both private and public organizations.

Structure and Modules:

A vocational student must complete 3 general mandatory modules (11 credits) and 21 vocational mandatory modules (109 credits). To earn the qualification in "Occupational Safety and Environmental Protection Technologies," a total of 120 credits is required. Program duration: 23 months.

Description of Qualification/Learning Outcomes:

The graduate can:

- Prepare safety, health, and environmental plans;
- Develop and update procedures and instructions;
- Assess occupational injuries and manage risks;
- Assess, control, and implement preventive measures for chemical and biochemical hazards;
- Ensure compliance with electrical and fire safety regulations;
- Implement evacuation procedures;
- Provide first aid;
- Implement measures to prevent hazards and reduce risks;
- Monitor the safe movement of people and official transport at the workplace.;
- Assess the impact of climate change on the environment, economy, and society;
- Conduct audits and monitor the environmental protection system;
- Plan actions to ensure compliance with safe drinking water standards;
- Monitor water source pollution;
- Monitor air pollution and reduce emissions.

Awarding Qualification:

To obtain a qualification, a vocational student must accumulate 120/150 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.

