

Course Summary

Course Title: SPECIALISTS' PROFESSIONAL FUNCTIONS AND TASKS

Credits: 3 (108 hours)

Course objective

Forming of the knowledge in the field of current legislation regarding to the employment, ecology and environmental protection, ideas about the future job place, duties and functions of environmental experts in solving typical problems of the activity.

Course tasks

Forming of the theoretical knowledge and practical skills in primary conducting of environmental documentations in the business company, evaluating of environmental protection activity on the enterprise, establishing and approving the limits of emissions, discharges and waste disposal, environmental tax calculations.

Course outlines

The purpose and objectives of discipline. Job prospects after obtaining a diploma. Job descriptions of state inspector, environmental engineer, specialist-ecologist positions. Legislation of Ukraine on economic mechanisms for environmental protection and natural resources. Fee for use of mineral resources. Land fees. Rate setting of the air pollutions. Permission obtaining for emissions, agreement about limits reduction. Standardization in the field of waste management. Inventory of the enterprise wastes, permission obtaining and limits approving for waste disposals. Hygiene requirements to the industrial wastes treatment. Defining of the hazard classes of waste. Dues and fees for water special use. The fee for special use of water. Environmental tax. Tax rates for emissions, water discharges and waste disposals. The order of calculation and payment of the environmental taxes.

Learning outcomes

After completing the course students should be able to:

- identify the sources, types and levels of air pollution, surface and groundwater and soil;
- assess the state of the enterprise conservation activity;
- qualify environmental violations at the company in the field of air, water and waste management;
- control for compliance with the environmental standards and regulations;
- determine and coordinate the legal permission on limits for emission of air, water and soils pollutants, and for waste disposal;
- monitor the compliance with the established limits;
- calculate the environmental tax for environmental pollution;
- develop and justify measurements for improving the state of the environment.

Training activities: lectures and practical training sessions.

End-of-the-term assessment: test.

**Head of the Ecology Department,
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