

**PROMISING TECHNOLOGICAL PROCESSES OF THE ORGANIZATION
OF MAINTENANCE AND REPAIR VEHICLES OF ROAD TRANSPORT
ORGANIZATIONS COURSE SYLLABUS ABSTRACT**

Speciality 7-06-0715-01 Transport
Concentration: Vehicle Maintenance

Advanced higher education

	STUDY MODE	
	full-time	full-time
Year	2	2
Semester	3	4
Lectures, hours	34	8
Practical classes (seminars), hours	34	8
Pass/fail, semester	3	4
Contact hours	68	16
Independent study, hours	282	334
Total course duration in hours / credit units	350/3.0	

1. Course outline.

This course aims to develop a sustainable system of knowledge, skills and professional competencies in the field of design of manufacturing and technical facilities of road transport organizations.

2. Course learning outcomes.

Upon completion of the course, students will be expected to know:

modern achievements of science in the field of vehicle maintenance, organization of technological processes of maintenance and repair of vehicles;

methods of organization of production of maintenance and repair using advanced technologies in the field of vehicle maintenance;

classification of technological equipment, criteria for selecting equipment to perform technical actions for maintenance and repair of vehicles;

be able to:

use a systematic approach when developing the system of maintenance and repair of vehicles;

analyze the conditions of technical operation of vehicles;

assess the state and prospects of development of manufacturing and technical facilities of road transport organizations;

possess skills:

in analyzing and developing prospective technological processes for maintenance and repair of vehicles;

skills in using methods of justifying the need for technological equipment necessary for the organization of technological processes of maintenance and repair of vehicles;

skills in the development of rules of safe operation of technological equipment intended for maintenance and repair of vehicles.

3. Competencies.

Specialized competency: to possess knowledge and be able to make decisions on application of innovative technologies in organization of vehicle maintenance and repair system.

4. Requirements and forms of summative assessment.

Oral: interviews during individual and group consultations.

Oral and written: pass-fail.