

PROMISING TECHNOLOGICAL PROCESSES OF THE ORGANIZATION OF  
MAINTENANCE AND TR OF VEHICLES OF ROAD TRANSPORT ORGANIZATIONS

**COURSE SYLLABUS ABSTRACT**

**Speciality 1-37 80 01 «Vehicles»**

**Profiling Technical operation of vehicles**

	STUDY MODE	
	full-time	part-time
Year	1	1
Semester	1	2
Lectures, hours	36	8
Practical classes (seminars), hours	18	4
Pass/fail, semester	1	2
Contact hours	54	12
Independent study, hours	54	96
Total course duration in hours / credit units	108/3,0	

**1. Course outline**

The objectives of the academic discipline are to obtain knowledge about the organization, planning and management of technological processes of maintenance and TR of vehicles (hereinafter referred to as the CU) in the organizations of AT (hereinafter referred to as OAT); mastering the methods of substantiation of initial data for the calculation of the production program for technical impacts on the fleet of the OAT TS; classification of technological equipment and tools intended for maintenance and tr of vehicles of AT enterprises; study of the rules of operation and maintenance of the technological equipment, tools and accessories used for technological processes of maintenance and TR of OAT vehicles.

**2. Course learning outcomes**

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

modern scientific achievements in the field of technical operation of vehicles, organization of technological processes of maintenance and TR CU; methods of organizing the production of maintenance and tr using advanced technologies in the field of technical operation of the vehicle; classification of technological equipment, criteria for selecting equipment for performing technical impacts on maintenance and TR on the vehicle;

be able to:

to use a systematic approach in the development of the system of maintenance and TR of vehicles; analyze the conditions of technical operation of vehicles; assess the state and prospects for the development of the production and technical base of OAT;

possess:

skills in the analysis and development of promising technological processes for maintenance and TR CU; methods of substantiating the need for technological equipment necessary for the organization of technological processes of maintenance and TR of vehicles; rules for the safe operation of technological equipment intended for maintenance and tr of vehicles;

**3. Competencies**

SK-2 Possess knowledge and be able to make decisions on the application of innovative technologies in the organization of the maintenance system and TR of vehicles in OAT

**4. Requirements and forms of midcourse evaluation and summative assessment**

oral-written form: reports on practical works with their oral defense, Pass/fail.