

INTERNATIONAL ROAD TRANSPORTATION
(course title)

COURSE SYLLABUS ABSTRACT
of higher education institution speciality

1-37 01 06 "Technical operation of vehicles (by directions)"
(speciality code and name)

	STUDY MODE		
	full-time	part-time	part-time (shortened program)
Year	4	4	4
Semester	7	8	7
Lectures, hours	38	4	4
Practical classes (seminars), hours	14	4	4
In-class test (semester, hours)	-	8/2	7/2
Exam, semester	7	8	7
Contact hours	52	10	10
Independent study, hours	48	90	90
Total course duration in hours / credit units	100/3,0	100/3,0	100/3,0

1. Course outline

Studying the requirements for the technical condition of vehicles, for the correct execution of all documentation for the cargo, for the vehicle, for the driver and persons accompanying the cargo, taking into account international requirements.

2. Course learning outcomes

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

- theory and practice of organizing international transportation;
- conditions for the movement of vehicles;

be able to:

- draw up the necessary documentation for vehicles and cargo in international transportation;
- carry out customs clearance of vehicles and cargo.

possess:

- methodology for operational planning of road transport;
- methods for calculating the technical and economic indicators of the rolling stock.

3. Competencies

AC - 1 Be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems of the technical operation of vehicles. AC - 2 Be proficient in systemic and comparative analysis. AC - 3 Possess research skills. AC - 4 Be able to work independently. AC - 5 Be able to generate new ideas (be creative). AC - 6 Own an interdisciplinary approach to solving problems. AC - 7 Have skills related to the use of technical devices, information management and computer work. AC - 8 Possess oral and written communication skills. AC - 9 Be able to learn, improve their skills throughout their lives. SPC - 5 Be capable of criticism and self-criticism. SPC - 6 Be able to work in a team. PC - 2 Organize work to improve the skills of employees of a motor transport organization. PC - 4 Analyze and evaluate the collected data. PC - 5 Negotiate, develop contracts with other interested parties. PC - 6 Prepare reports, materials for presentations and represent them in order to advertise car maintenance and repair services. PC - 9 Draw up a schedule for the frequency of preventive maintenance and repair, determine the amount of repair work and the need for materials and spare parts. PC - 10 Own the basics of industrial relations and management principles, taking into account technical, financial and human factors. PC - 11 Develop technological processes for diagnosing, maintaining and repairing vehicles and their elements for specific conditions. PC - 15 Calculate and analyze the modes of operation of rolling stock and structural units of road transport organizations and outline ways to improve them. PC - 17 To put into practice various measures to ensure the environmental safety of vehicles and organizations. PC - 22 To select the optimal modes of operation of road transport, taking into account operating conditions to improve the technical and economic indicators of their work. PC - 23 Develop technological documentation, take part in the creation of standards and regulations. PC - 24 Make engineering decisions to improve the structure of the production and technical base of road transport organizations and optimize logistics. PC - 25 Ensure inspection of the technological equipment of the motor transport organization in a timely manner, carry out operational activities. PC - 31 Identify the causes of downtime of vehicles, work posts and production units, individual performers, keep records of them, develop proposals for their prevention. PC - 32 Identify and analyze the causes of failures and malfunctions of units, assemblies, parts of maintenance equipment, diagnostics and repair of vehicles. PC - 41 Organize and provide preventive maintenance and testing of technological equipment. PC - 43 Summarize and use best industry and cross-sectoral experience.

4. Requirements and forms of midcourse evaluation and summative assessment

The following forms are used to diagnose competencies:

- 1. Orally written form:
- reports on classroom practical exercises with their oral defense;
- exam.