

**ROAD TRANSPORTATION, TRANSPORTATION SYSTEM AND TRAFFIC SAFETY**  
(course title)

**COURSE SYLLABUS ABSTRACT**

**6-05-0715-07 Operation of Ground Transport and Technological Machines and Complexes**

(speciality code and name)

**Technical Maintenance of Automobiles, Vehicles**

(concentration)

|   | STUDY MODE |           |                                  |
|---|------------|-----------|----------------------------------|
|   | full-time  | part-time | part-time<br>(shortened program) |
| Year  | 2          | 3         | 2                                |
| Semester                                      | 3          | 5         | 3                                |
| Lectures, hours                               | 34         | 8         | 8                                |
| Practical classes (seminars), hours           | 34         | 8         | 8                                |
| Course project, semester                      | 3          | 5         | 3                                |
| Exam, semester                                | 3          | 5         | 3                                |
| Contact hours                                 | 68         | 16        | 16                               |
| Independent study, hours                      | 40         | 92        | 92                               |
| Total course duration in hours / credit units | 108/3      |           |                                  |

1. Course outline

The academic discipline is aimed at the formation of students' knowledge and skills in the organization of transportation and movement of vehicles on communication routes, as well as the effective and safe use of vehicles.

2. Course learning outcomes

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

- types of transport and rational areas of its use;
- types of cargo transported and their characteristics;
- organization of the transport process when transporting goods and passengers;
- vehicle traffic conditions;
- safety requirements for the transportation of goods and passengers;
- rules for the transportation of dangerous goods;
- legal issues in the field of road transport of goods and passengers;
- theory of international transportation organization;
- legal basis of international transportation;
- procedure for customs clearance of cargo and vehicles;
- basics of ensuring the safety of road transport.

be able to:

- choose a rational type of transport for transporting goods and passengers;
- ensure the efficiency and safety of interaction between various types of transport and road transport;
- calculate the required number of vehicles and organize uninterrupted delivery of cargo;
- calculate traffic intensity;
- calculate operating parameters on the route;
- organize safe movement.
- draw up the necessary documentation for vehicles and cargo during international transportation;

to possess a skill:

- knowledge of the methodology for operational planning of road transport;
- knowledge of methods for organizing safe cargo and passenger transportation;
- knowledge of methods for calculating technical and economic performance indicators of vehicles.

3. Competencies

UC-5 Be capable of self-development and improvement in professional activities;

SC-16 To ensure the formation of entrepreneurial initiatives and the achievement of the best results of the activities of organizations in the technical operation of the organization's vehicle fleet and car service

4. Requirements and forms of midcourse evaluation and summative assessment

Current attestation: defense of practical works (oral-written); Intermediate attestation: exam (oral-written).