

**MOTOR VEHICLE STRUCTURE AND LAYOUT**  
(course title)

**COURSE SYLLABUS ABSTRACT**

6-05-1042-01 «Transport logistics»  
(speciality code and name)

«Regional transport and logistics systems»  
(concentration)

	STUDY MODE	
	full-time	part-time (shortened program)
Year	1	1
Semester	2	2
Lectures, hours	34	8
Practical classes (seminars), hours	16	4
Pass/fail, semester	2	2
Contact hours	50	12
Independent study, hours	94	132
Total course duration in hours / credit units	144/4	144/4

1. Course outline

The discipline includes the formation of students' understanding of the structure of vehicles, the processes occurring in the mechanisms, systems and devices of the car when working in real operating conditions.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know: the role, state and prospects for the development of the automotive industry of automobiles; general structure and classification of the vehicle; purpose, classification, device and principles of operation of units, systems, mechanisms, assemblies; operational properties (OP) of the vehicle; indicators, methods of assessment and ways to improve OP;

be able to: evaluate the design perfection of the vehicle; master the design and principle of operation of new vehicles, their units, components, systems, mechanisms;

to possess a skill: apply the acquired knowledge and skills to plan the processes of its maintenance and repair.

3. Competencies

BPC-8 Apply the basics of the theory of transport rolling stock to plan the processes of its maintenance and repair.

4. Requirements and forms of midcourse evaluation and summative assessment

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