

STRUCTURAL AND OPERATIONAL SAFETY OF MOTOR VEHICLES
(course title)

COURSE SYLLABUS ABSTRACT
of higher education institution speciality

Specialty 7-06-0715-01 “Transport”
(speciality code and name)

Technical Maintenance of Motor Vehicles
(concentration)

	STUDY MODE	
	full-time	part-time
Year	3	4
Semester	5	8
Lectures, hours	50	10
Practical classes (seminars), hours	16	4
Laboratory classes, hours	34	8
Course paper, semester	6	6
Exam, semester	5	5
Contact hours	100	22
Independent study, hours	116	194
Total course duration in hours / credit units	216/6	

1. Brief content of the academic discipline

The academic discipline is aimed at training highly qualified specialists with the skills to solve research problems through the use of modern computer technologies in the development and implementation of systems for the safe operation of transport and transport equipment, organizing the movement of vehicles, and in developing measures to comply with the environmental safety of the transport process.

2. As a result of mastering the academic discipline, the student must

- basic provisions for vehicle safety;
- mechanism, causes and analysis of road accidents;
- influence of vehicle parameters on traffic safety;
- methods for testing vehicles;

3. Competencies being developed

SK-1 Possess knowledge of the theory of functioning of mechanisms and systems of vehicles, technological equipment for carrying out maintenance and repair of vehicles and be able to apply them when designing the production and technical base of OAT

4. Requirements and forms of current and intermediate certification: reports on classroom practical exercises with their oral defense; examination in oral or written form.