

ADVANCED VEHICLE DESIGN SOLUTIONS

(course title)

**COURSE SYLLBUS ABSTRACT
OF HIGHER EDUCATION INSTITUTION SPECIALTY**

Specialty 7-06-0715-01 "Transport"

Profile: "Technical operation of cars"

	Form of higher education	
	Full-time (day)	Correspondence
Course	1	1
Term	1	2
Lectures, hours	34	8
Practical (seminar) classes, hours	16	4
Exam, semester	1	2
Classroom hours for the academic discipline	50	12
Independent work, hours	58	96
Total hours of academic discipline / credits	108/3	108/3

1. Summary of the academic discipline. The objectives of the discipline is to study and analyze the designs of modern and promising vehicles and their elements.

2. Learning outcomes.

As a result of mastering the discipline, the student must

know: the design and operation of modern and promising systems and mechanisms of cars;

be able to: analyze the perfection of car designs and their systems and apply the knowledge gained during the technical operation of the PBX;

possess: skills of modern methods of calculating car elements.

3. Formed competencies

SC – 3 To be able, based on scientific research and global trends in the automotive industry, to develop projects of the production and technical base of the OAT for the organization of maintenance and repair of promising vehicles

4. Requirements and forms of current and intermediate certification.

oral-written form: reports on practical works with their oral defense, exam