

**DESIGN OF VEHICLE SERVICE ORGANIZATIONS**  
(course title)

**COURSE SYLLABUS ABSTRACT**  
**of higher education institution speciality**

1-37 01 07 «Vehicle Service»  
(speciality code and name)

	STUDY MODE	
	full-time	part-time (shortened program)
Year	4	4
Semester	7,8	7,8
Lectures, hours	64	14
Practical classes (seminars), hours	26	6
Course project, semester	8	8
Exam, semester	7	7
Contact hours	90	20
Independent study, hours	100	170
Total course duration in hours / credit units	190/6,0	

1. Course outline

The academic discipline consists in obtaining knowledge and skills in designing modern car service organizations; analysis of modern car service organizations, their production and technical base for the technical improvement of organizations for the maintenance and repair of vehicles.

2. Course learning outcomes

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

- the procedure for technological design of car service organizations for transport of various types;
- requirements for technological layouts and principles of their layout;
- indicators characterizing the degree of perfection of technological layouts, and methods for their optimization;
- the internal infrastructure of the enterprise, which ensures the high-quality implementation of technological processes for the maintenance and repair of vehicles;

be able to:

- analyze the state of the production and technical base of the organization of a car service, identify its significant disadvantages and advantages;
- substantiate the need for designing or reconstructing an organization or its elements, operating with the necessary data;
- make a technological calculation and, on the basis of it, design various types of car service organizations;
- give an objective assessment of the quality of planning decisions and the technological project as a whole;

possess:

- principles of design and calculation of car service enterprises;
- assessment of the efficiency of the car service enterprise;
- skills of computer design and graphic project implementation.

3. Competencies

SC-11 Possess knowledge of standards and skills in selecting and arranging production units and technological equipment in a car service.

4. Requirements and forms of midcourse evaluation and summative assessment.

Oral and written: reports on practical work with their oral defense, term paper with its oral defense, exam