ROADS AND STRUCTURES
(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
Year	3	2
Semester	5	3
Lectures, hours	16	4
Practical classes (seminars), hours	34	4
Exam, semester	5	3
Contact hours	50	8
Independent study, hours	58	100
Total course duration in hours / credit units	108/3	

1. Course outline

The academic discipline includes the acquisition by students of knowledge on the construction and operation of roads and structures, as well as the features of their construction, maintenance and repair.

2. Course learning outcomes

Upon completion of the course, students will be expected to
know:
- device, design procedure and rules for the operation of highways;
- the influence of the parameters of roads and artificial structures on them on the efficiency of road transport and the safety of vehicles.

be able to:
- to determine the categories and characteristics of roads;
– work with technical regulations in the field of design, construction, repair and maintenance of roads and engineering structures;
- understand and draw up diagrams of longitudinal and transverse profiles of roads, use them correctly.

possess:

– methodological foundations of design and survey work on roads and engineering structures.

3. Competencies

SC-5. Own methods of calculations that confirm the performance of the designed structures, skills in the development and execution of design documentation for the designed products for car service

4. Requirements and forms of midcourse evaluation and summative assessment

oral-written form: test