USE OF COMPUTING EQUIPMENT ON AUTOMOBILE TRANSPORT
(наименование дисциплины)

COURSE SYLLABUS ABSTRACT
of higher education institution
speciality

Специальность 1-37 01 06 "Technical operation of vehicles"

	STUDY MODE		
	full-time	part-time	part-time (shortened program)
Year	1	2	1
Semester	2	3	2
Lectures, hours	34	6	8
Laboratory classes, hours	16	4	4
Pass/fail, semester	2	3	2
Contact hours	50	10	12
Independent study, hours	58	98	96
Total course duration in hours / credit units	108/3	108/3	108/3

1. Course outline

The academic discipline includes students gaining knowledge on the basics of using automated control systems (ACS) in road transport, methods for solving optimization problems in road transport.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know:

- tasks in the field of technical operation of vehicles, transportation and traffic organization;
- methods for solving optimization problems using computer technology;
- automated control systems for road transport.

be able to:

- to select and analyze the available methods, models, algorithms for solving the problems of optimizing road transport;
– solve problems of optimizing road transport using computer technology.

possess:

– methods for solving optimization problems in road transport.

3. Competencies

SC-14 Be able to apply information support and interfaces of automated information systems of vehicles.

4. Requirements and forms of midcourse evaluation and summative assessment

oral-written form: reports on laboratory work with their oral defense, pass/fail.