INFORMATION TECHNOLOGIES IN MOTOR VEHICLES

COURSE SYLLABUS ABSTRACT

Specialty 6-05-0715-07 "Operation of ground transport and technological machines and complexes"

Profiling "«Vehicle service»"

	STUDY MODE
	full-time
Year	1
Semester	2
Lectures, hours	34
Laboratory classes, hours	16
Pass/fail, semester	2
Contact hours	50
Independent study, hours	58
Total course duration in hours / credit units	108/3

1. Course outline
The academic discipline includes students gaining knowledge on the basics of management organization, as well as the formation of knowledge and skills in the field of information systems and technologies used in road transport.

2. Course learning outcomes
Upon completion of the course, students will be expected to
– to know: tasks in the field of technical operation of vehicles, transportation and traffic management; methods for solving problems of road transport with the use of computer technology; automated control systems for road transport.
– be able to: select and analyze available methods, models, algorithms for solving problems of road transport; solve the problems of road transport with the use of information technology;
– have the skill: solving practical problems of road transport using information systems and technologies.

3. Competencies
UC-2 Solve standard tasks of professional activity based on the use of information and communication technologies;
UC-5 Be capable of self-development and improvement in professional activities;
SC-14 Possess the basics of research activities, search, analysis and synthesis of information/

4. Requirements and forms of midcourse evaluation and summative assessment
   oral-written form: reports on laboratory work with their oral defense, pass/fail.