INFORMATION TECHNOLOGIES IN LOGISTICS
(name of the academic discipline)

ANNOTATION
TO THE SYLLABUS OF THE INSTITUTION OF HIGHER EDUCATION

Specialty 1-27 02 01 «Transport logistics» (Majors in) _____
Major in 1-27 02 01-01 «Transport logistics (Motor Transport)»

	Form of higher education	
	Full-time	Full-time
Year	**1**	1
Semester	1,2	1
Lectures, hours	50	4
Laboratory classes, hours	68	6
Classroom test (semester, hours)	-	2
Examination, semester	1, 2	1
Classroom hours per academic discipline	118	12
Independent work, hours	206	96
Total hours per academic discipline / credit units	324/9	324 / 9

1. Brief content of the discipline
The purpose of the discipline is to form students' theoretical knowledge about modern information technologies and systems based on the use of computer technology and network technologies, and to master the practical skills of using them as a tool for solving problems in the subject area.

2. Learning outcomes
know: basic concepts of KIT; functional elements of computers and computer networks; purpose and composition of system and application software; the concept of a database and approaches to designing a database; functionality of the DBMS and the SQL language; multiuser database processing systems; functions of the database administrator; the purpose of the stored data; the concept of a knowledge base and knowledge representation model; principles of organization of CIS in the subject area; CIS standards; business process modeling technologies; concept of business process reengineering; basic methods and means of protecting information in CIS;

be able to: use general and application software in solving professional problems; develop and publish Web pages; develop macros and modules in VBA; design a database; work with knowledge bases in expert systems; model business processes; formulate a task for the design of CIS; solve logistical problems by means of CIS.

master: skills in creating text, spreadsheet, graphic documents and dynamic presentations; technologies for creating databases and their applications.

3. Formed competencies
SC-1: Be able to use information technology, software, networked computer technology and databases to process logistics information and apply them in professional activities

4. Requirements and forms of current and intermediate control
Defense of laboratory work, test, exam (current certification).