____TECHNICAL MECHANICS____

(name of the discipline)

ANNOTATION
TO THE CURRICULUM OF THE INSTITUTION OF HIGHER EDUCATION

Specialties 1-27 02 01 "Transport logistics (by directions)"

Direction of the specialty 1-27 02 01-01 "Transport logistics (road transport)"

	Form of higher education	
	Full-time (daytime)	Part-time
Well	1	1
Semester	2	2
Lectures, hours	34	8
Laboratory classes, hours	34	4
Report, semester	2	2
Classroom hours per academic discipline	68	12
Independent work, hours	40	96
Total hours per academic discipline / credits	108 / 3	108 / 3

1. Brief content of the discipline

The academic discipline forms students' engineering knowledge of the design, principle of operation and methods of calculating the simplest mechanisms, structures and machines.

2. Learning outcomes

know:

the main types of mechanisms used in mechanical drives and the general requirements for them;
device, purpose, principle of operation of mechanisms;
types of analysis (calculation) used in the design of mechanisms;
types of materials used for the manufacture of components of mechanisms and their main properties.

be able to:

perform analysis of mechanisms and evaluate its results;
use technical literature, use professional vocabulary.

own:

methods of kinematic, force and strength analysis (calculation) of mechanisms.
methods for measuring the main parameters of the elements of mechanisms used in mechanical drives.

3. Formed competencies

SC-3: Be able to evaluate the mechanics of structures, engineering networks and structures, calculate loads, taking into account various patterns of their impact

4. Requirements and forms of current and intermediate certification.

- Oral and written: defense of laboratory work;
- written: control survey, written test.