STUDY OF MOTOR VEHICLE OPERATIONAL RELIABILITY

COURSE SYLLBUS ABSTRACT
OF HIGHER EDUCATION INSTITUTION SPECIALTY

Specialty 7-06-0715-01 Transport
Profile: Technical operation of cars

	STUDY MODE	
	full-time	part-time
Year	1	2
Semester	1	3
Lectures, hours	34	8
Practical classes (seminars), hours	34	8
Exam, semester	1	3
Contact hours	68	16
Independent study, hours	132	184
Total course duration in hours / credit units	200/6	

1. Course outline

To develop master's degree students' knowledge and skills in the theory of functioning of mechanisms and systems of vehicles, technological equipment for maintenance and repair of vehicles and their application in the design of the production and technical base of OAT enterprises.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know:

-working processes, types of loading and methods of calculating elements of the automatic telephone system;

-reliability theory and its application to solving technical operation problems.

be able to:

- apply the acquired knowledge during technical operation (TO) of the vehicle;

- take into account the features of modern vehicle designs when organizing the technological processes of maintenance and repair;

- evaluate the operational reliability of the vehicle.

to possess a skill:

use of methods for collecting and analyzing information on the technical operation of the vehicle.

3. Competencies

Apply knowledge of the theory of functioning of mechanisms and systems of vehicles, technological equipment for carrying out maintenance and repair of vehicles when designing the production and technical base of the OAT.

4. Requirements and forms of midcourse evaluation and summative assessment

Examination – written form;

protection of practical work, survey – oral form.