Vehicle Body Inspection and Repair
(course title)

COURSE SYLLABUS ABSTRACT

6-05-0715-07 "Operation of ground transport and technological machines and complexes"
(specialty code and name)
Car service
(concentration)

	STUDY MODE
	full-time
Year	**4**
Semester	7
Lectures, hours	34
Practical classes (seminars), hours	34
Exam, semester	7
Contact hours	68
Independent study, hours	62
Total course duration in hours / credit units	130/4

1. Course outline

Technical examination and assessment of vehicles, in particular those damaged as a result of a traffic accident, maintenance and repair of automobile bodies.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know:

- methods for assessing the cost of vehicles and damage from a traffic accident;
- legal basis for expert activities in assessing damaged vehicles in the Republic of Belarus;
- the procedure for organizing and conducting the assessment of vehicles, the rights and responsibilities of an expert appraiser;
- general classification of typical damage to vehicles;
- organization of repair and restoration work at specialized car service centers;

be able to:

- identify a specific vehicle, assess its value taking into account its technical condition, natural and obsolete wear and tear, and completeness;
- calculate the cost of work, spare parts and materials necessary to repair damage to vehicles;
- select the necessary equipment for implementing technological processes for restoring automobile bodies, performing disassembly, assembly, painting work, as well as repairing individual components and systems of vehicles;

to possess a skill:

-principles of design and calculation of vehicle bodies;
-evaluation of the effectiveness of body restoration;
-estimation of the cost of restoration of bodies.

3. Competencies

Possess skills in the field of management and organization of technical maintenance and repair of vehicles of road transport enterprises

4. Requirements and forms of midcourse evaluation and summative assessment: reports on practical exercises with their oral recording; examination in written and oral form.