Management of Vehicle Maintenance and Repair
(course title)

COURSE SYLLABUS ABSTRACT

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

Technical operation of vehicles
(concentration)

	STUDY MODE		
	full-time	part-time	part-time (shortened program)
Year	**4**	**5**	**4**
Semester	7	9	7
Lectures, hours	34	8	8
Practical classes (seminars), hours	34	8	8
In-class test (semester, hours)		2 hours (9 semester)	2 hours (7 semester)
Exam, semester	7	9	7
Contact hours	68	18	18
Independent study, hours	62	112	112
Total course duration in hours / credit units	130/4		

1. Course outline

Management and organization of vehicle maintenance and repair of automobile transport enterprises.

2. Course learning outcomes
Upon completion of the course, students will be expected to
know:
- basics of operational reliability of automatic telephone exchanges;
- organizational, technological and regulatory framework of the ATS maintenance and repair system;
- organization and management of the production process of maintenance and repair of automatic telephone exchanges at enterprises of automatic transmission;
be able to:
- analyze the production and organizational structures and activities of PTS of AT enterprises;
- develop the organizational and production structure of PTS of AT enterprises of various capacities;
- draw up a schedule for the frequency of scheduled preventive maintenance and repairs for the vehicle fleet, determine the labor intensity of technical actions to restore the operational state of the vehicle fleet, the need for materials and spare parts for the vehicle fleet to organize the production of maintenance and repair of the vehicle;
- develop processes for managing PTS and the production of maintenance and repair for the fleet of automatic telephone exchanges of AT enterprises using information technologies;
to possess a skill:
- to develop the organizational structure of vehicle technical equipment of enterprises on the principles of centralization of production management of technical and repair vehicles;
- master the basics of industrial relations and the principles of managing the production process of maintenance and repair of automatic telephone exchanges, taking into account technical, financial and human factors;
- develop for specific operating conditions of technological processes technical impacts (D, MT and TR) on the vehicle fleet;
- select forms of organizing the production of maintenance and repair of vehicles, taking into account their operating conditions.

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.