

**DESIGN METHODOLOGY FOR PRODUCTION AND ENGINEERING
FACILITIES OF ROAD TRANSPORT ORGANIZATIONS**

(course title)

COURSE SYLLABUS ABSTRACT

7-06-0715-01 TRANSPORT

(speciality code and name)

Technical Maintenance of Motor Vehicles

(concentration)

	STUDY MODE	
	full-time	part-time
Year	1, 2	2, 3
Semester	2, 3	4, 5
Lectures, hours	68	16
Practical classes (seminars), hours	50	10
Course project, semester	3	5
Exam, semester	2	4
Contact hours	118	26
Independent study, hours	206	298
Total course duration in hours / credit units	324/9	

1. Course outline

The aim of the course is to provide students with a sustainable system of knowledge, skills and professional competencies in the field of design of production and technical facilities of automotive organizations.

2. Course learning outcomes

Upon completion of the course, students will be expected to know:

- modern scientific achievements in the field of designing PTB OAT;
- methods of designing PTB OAT using innovative developments of industrial buildings;
- classification of technological equipment intended for performing technical impacts on TS OAT.

be able to:

- use a systematic approach when developing the PTB OAT project;
- perform an analysis of the state of the PTB OAT;
- assess the state and development prospects of the PTB OA.

to possess a skill:

- analysis and development of advanced technological processes for TS in OAT;
- methods of technological design of PTB OAT;
- techniques for developing technological planning solutions of PTB OAT using modern application programs for developing design documentation.

3. Competencies

Apply design methods for the production and technical base of the OAT, taking into account: operational requirements for wheeled vehicles, environmental safety requirements, road safety and other regulations.

4. Requirements and forms of midcourse evaluation and summative assessment.

Oral: interviews during individual and group consultations; course project defense.

Oral and written: exam.