

**QUALITY MANAGEMENT, CERTIFICATION AND LICENSING**  
(course title)

**COURSE SYLLABUS ABSTRACT**  
**of higher education institution speciality**

1-37 01 06 "Technical operation of vehicles"  
(speciality code and name)

	STUDY MODE	
	full-time	part-time
Year	3	4
Semester	5	7
Lectures, hours	16	4
Practical classes (seminars), hours	18	4
Exam, semester	5	7
Contact hours	34	8
Independent study, hours	26	52
Total course duration in hours / credit units	60/1,5	

1. Course outline

The discipline "Quality Management, Certification and Licensing" is a discipline of the university component and is aimed at studying current technical regulations related to the production, operation, maintenance and repair of vehicles, contributing to the deepening of training in the specialty "Technical operation of vehicles".

2. Course learning outcomes

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

- regulatory and legal framework for certification and licensing, arrangement, design procedure and rules for the operation of motor roads;
- the procedure for passing certification and licensing in the conditions of motor transport and car service organizations;
- methodology of quality management within the quality management system.

be able to:

- work with technical regulations that are directly related to quality management, certification and licensing;
- draw up documentation within the framework of the quality management system in the organization;
- train staff in the basic concepts in the field of quality management.

possess:

- methodology for implementing and maintaining the quality management system in a working condition in the conditions of a motor transport and auto service enterprise;
- skills of working with information sources on certification and licensing.

3. Competencies

Mastering this academic discipline should ensure the formation of the following competencies:

AK-1 - Be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems of the technical operation of vehicles; AK-2 - Own system and comparative analysis; AK-3 - Possess research skills; AK-4 - Be able to work independently; AK-5 - Be able to generate new ideas (be creative); AK-6 - Have an interdisciplinary approach to problem solving; AK-7 - Have skills related to the use of technical devices, information management and computer work; AK-8 - Possess oral and written communication skills; AK-9 - Be able to learn, improve their skills throughout their lives; SLK-2 - Be capable of social interaction; SLK-5 - Be capable of criticism and self-criticism; SLK-6 - Be able to work in a team; SLK-7 - Possess stable moral and psychological qualities; PC-4 - Analyze and evaluate the collected data; PC-7 - Use global information resources; PC-23 - Develop technological documentation, take part in the creation of standards and regulations; PC-43 - Summarize and use best industry and cross-sectoral experience; PC-46 - Determine the goals of innovation and ways to achieve them; PC-47 - Work with scientific, technical and patent literature.

4. Requirements and forms of midcourse evaluation and summative assessment

The following forms are used to diagnose competencies:

- oral and written.

To assess the level of knowledge of students, the following diagnostic tools are used:

- conducting an offset;
- when performing individual tasks, their oral defense.