Quality management, certification, and licensing

(course title)

COURSE SYLLABUS ABSTRACT

6-05-0715-07 «Operation of ground transport and technological machines and complexes»

(speciality code and name)

Technical Maintenance of Automobiles

(concentration)

	STUDY MODE		
	full-time	andpart-time	part-time (shortened program)
Year	**4**	**5**	**4**
Semester	7	9	7
Lectures, hours	34	8	8
Laboratory classes, hours	34	8	8
In-class test (semester, hours)		9th semester (2 hours)	7th semester (2 hours)
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	130/4	130/4

1. Course outline

Formation of the conceptual framework in the field of product and service quality, methods of its assurance, and procedures for certification and licensing in transport and manufacturing.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know:

-normative and legal framework for certification and licensing of devices, procedures for design and rules for operation of roads;

-procedure for passing certification and licensing in the conditions of motor transport and car service organizations;

-quality management methodology within the quality management system.

be able to:

-work with technical regulations and legal acts that are directly related to quality management, certification, and licensing;

-prepare documentation within the framework of the organization's quality management system;

-train personnel in the basic concepts of quality management.

to possess a skill:

-methodology for implementing and maintaining a quality management system in a motor transport and car service enterprise;

-work with information sources on certification and licensing.

3. Competencies

To possess skills in the management and organization of maintenance and repair of motor vehicles at motor transport enterprises.

4. Requirements and forms of midcourse evaluation and summative assessment

To diagnose competencies, an oral-written form is used.

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

- exam;

– reports on practical work with their oral defense.