Motor Vehicle Diagnostics

COURSE SYLLABUS ABSTRACT

6-05-0715-03 Cars, tractors, mobile and technological complexes

Computer engineering in the automotive industry

	STUDY MODE
	full-time
Year	4
Semester	7
Lectures, hours	34
Laboratory classes, hours	34
Laboratory classes, hours	7
Contact hours	68
Independent study, hours	76
Total course duration in hours / credit units	144/4

1. Course outline. Training specialists who are able to reasonably and effectively apply existing and master new modern methods and tools for diagnosing ATS.
2. Course learning outcomes

Upon completion of the course, students will be expected to

know: aundamentals of technical diagnostics of machine systems; methods and means of measuring diagnostic parameters; issues of designing diagnostic systems/

be able to: select methods and modern means of diagnosing base machine systems; process and analyze diagnostic results; predict the remaining life of machine systems and components.

to possess a skill: practical diagnostics of machine systems.

3. Competencies. Apply vehicle diagnostic techniques.
4. Requirements and forms of midcourse evaluation and summative assessment. The form of intermediate certification is an oral exam. The form of current certification is an oral survey.