

MACHINE DETAILS

(course title)

COURSE SYLLABUS ABSTRACT

Specialty 1 – 37 01 06 "Technical operation of cars (by directions)"

Specialty direction 1 – 37 01 06-01 "Technical operation of cars (public and personal vehicles)"

Specialization _____

	STUDY MODE
	full-time
Year	3
Semester	5
Lectures, hours	34
Practical classes (seminars), hours	34
Laboratory classes, hours	16
coursework, Semester	6
Exam, semester	5
Independent study, hours	84
Contact hours	98
Total course duration in hours / credit units	182 / 5

1. Course outline

The curriculum of the discipline includes the following sections: joints (welded, threaded, keyed, spline, tight fit); gear (cylindrical, conical, planetary, wave and with composite polysector gears) and worm gears; friction, belt and chain gears; shafts and axles, spines and couplings; fundamentals of design.

2. Course learning outcomes

After mastering the discipline, the student should be able to perform design work in the volume of the drive of technological equipment.

3. Competencies

AK-1	Be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems.
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4. Requirements and forms of midcourse evaluation and summative assessment

During the fall semester, intermediate control of academic performance (PKU) is performed twice, including a survey in practical classes (O); protection of laboratory work (SLR); performance of control work (CR); protection of individual assignments (ZIZ).

The current certification (TA) is conducted in the form of an exam.