MACHINE DETAILS

(course title)

COURSE SYLLABUS ABSTRACT

Specialty 1 – 37 01 07 "Car service"

Specialty direction

	STUDY MODE
	full-time
Year	**3**
Semester	5, 6
Lectures, hours	34
Practical classes (seminars), hours	34
Laboratory classes, hours	16
coursework, Semester	6
Exam, semester	5
Independent study, hours	84
Contact hours	132
Total course duration in hours / credit units	216 / 6

1. Course outline

The curriculum of the discipline includes the following sections: connections (welded, threaded, keyed, slotted, interference fit); gears (cylindrical, bevel, planetary, wave and with compound multi-sector gears) and worm gears; friction, belt and chain drives; shafts and axles, bearings and couplings.

2. Course learning outcomes

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

3. Competencies

SK-5	Own calculation methods that confirm the performance of the designed structures, skills in the development and execution of design documentation for the designed products for car service.

4. Requirements and forms of midcourse evaluation and summative assessment

- written;
- oral-written.