

ENGINEERING GRAPHICS
(NAME OF THE DISCIPLINE)

**ANNOTATION
TO THE CURRICULUM OF A HIGHER EDUCATION INSTITUTION**

Specialty 1 – 37 01 07 Car service

	Form of higher education	
	Full-time (day)	Part-time abbreviated*
Course	1	1
Term	1,2	1,2
Lectures, hours	34	4
Practical classes, hours	84	14
Laboratory classes, hours		
Classroom control work (semester, hours)		1 (4) , 2 (4)
Term paper, semester		
Course project, semester		
Credit, semester	2	2
Exam, semester	1	1
Classroom hours in the discipline (including hours for controlled independent work)	118 (36)	26
Independent work, hours	98	190
Total hours of academic discipline / credits	216/6	216/6

1. Summary of the discipline: descriptive geometry, geometric drawing, projection drawing, machine-building drawing, computer graphics based on the COMPASS-3D system.

2. As a result of studying the academic discipline , the student

- must know: creation of drawings by the method of orthogonal projection; features of drawings of typical connections of parts; features of working drawings of parts and assembly drawings of components / mechanisms; computer graphics software; state standards for the design of drawings of machine-building profile.

- must be able to: execute engineering profile drawings;

- must possess: software tools for the preparation of design and technological documentation.

3. The development of this academic discipline should ensure the formation of the following competencies:

Codes of formed competencies	The names of the competencies being formed
BOD - 3	Have the skills of visual representation of parts and complexes of technical systems, reading drawings and using computer technology to build drawings.

4. Requirements and forms of current and intermediate certification: traditional, using a computer.