

Technology practice

(course title)

COURSE SYLLABUS ABSTRACT

1-36 01 03 – Machine-building process equipment

(speciality code and name)

	STUDY MODE
	full-time
Year	1
Semester	2
Total course duration in hours / credit units	216/6

1. Course outline

Purpose: deepening and zakrepleniye theoretical knowledge in the course "Technology of structural materials"; preparation of the base for better development in the future of the disciplines "Cutting materials," "Equipping technological equipment," "Engineering technology," etc.; expanding knowledge of the future specialty; acquiring practical skills for further study at the university

The objectives of the practice are:

- study of technological equipment of machine-building production;
- study of machine tools;
- study of cutting and measuring tools;
- acquisition of skills on machines.

2. Course learning outcomes

Upon completion of the course, students will be expected to know: technological equipment of machine-building production; nomenclature of cutting and measuring tools used in the manufacture of parts; advanced cutting tool designs and advanced manufacturing technology; nomenclature of machine tools; tool materials used in the manufacture of parts, and their heat treatment.

be able to: use technical and reference literature, sets of standards.

possess: skills in lathe, milling, vertical drill and slotted machines.

3. Competencies

SK-15 – Know modern technological equipment, tools and devices, acquire skills on metal cutting machines.

4. Requirements and forms of midcourse evaluation and summative assessment

verbal-written: differentiated test.