

Educational practice

(course title)

INTERNSHIP COURSE SYLLABUS ABSTRACT

6-05-0714-02 – Mechanical engineering technology, metal-cutting machines and tools

(speciality code and name)

Machine-building process equipment

(concentration)

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

1. Internship course outline (aims and objectives)

Purpose: deepening and zakrepleniye theoretical knowledge in the course " Mechanics of materials"; preparation of the base for better development in the future of the disciplines "Cutting theory", "Metal cutting machines", "Cutting tools" 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.

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

3. Competencies

SK-6 – Know modern technological equipment, tools and devices, acquire skills on metal cutting machines.

4. Form of midcourse evaluation

verbal-written: differentiated test.