

ENGINEERING AND TECHNOLOGY INTERNSHIP

(course title)

INTERNSHIP COURSE SYLLABUS ABSTRACT

Specialty 6-05-0714-03 Engineering and technical design and production of materials and products from them

Profiling Equipment and technology of welding production

	Form of higher education		
	Full-time (day)	Part-time	Part-time (shortened program)
Course	3	3	3
Term	6	6	6
Total practice hours / credits	216/6		

1. Summary of the internship program (aim and objectives of the internship)

The aim of the engineering and technology practice are to consolidate and deepen the competencies achieved by students in the learning process, to master the system of professional skills and initial professional experience in the field of study.

The objectives of engineering and technology practice are:

- acquisition of professional skills by students in the specialty;
- consolidation, expansion and systematization of knowledge gained in the study of special disciplines;
- selection of materials for course and diploma design;
- performing an individual task based on a welded assembly manufactured by the company.

2. Course learning outcomes

- to consolidate theoretical knowledge of the organizational structure of a machine-building enterprise and its management schemes;
- to master practical skills of drawing up technological processes for the manufacture of welded structures;
- to develop practical expertise methods for organizing procurement and assembly-welding operations.

3. Formed competencies:

Master the production technologies of welded structures for various purposes, auxiliary equipment, principles of calculation of structures and equipment for strength and adaptability, taking into account the specifics of production.

Be able to carry out the layout of the welding shop, site, taking into account the production conditions, calculate the production program, operating mode, and operating time funds of the equipment.

4. The form of intermediate certification is differentiated credit.