

ANNOTATION TO THE INTERNSHIP PROGRAM OF A HIGHER EDUCATION INSTITUTION

TECHNOLOGICAL INTERNSHIP

(name of the practice)

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	Заочная сокращенная
Course	2	2	2
Term	4	4	4
Total practice hours / credits	216/6		

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

The objectives of technological internship are:

- formation of students in the field of training 6-05-0714-03 "Engineering and technical design and production of materials and products from them" a general idea of future professional activity, familiarization with general requirements, getting an idea of the organizational and production structure of modern organizations/enterprises;

- consideration of the features of the technological processes of the organization /enterprise;

- mastering students' practical skills and abilities and preparing them for independent professional activity in the field of training they receive.

The objectives of technological internship are:

- the formation of students' practical skills in the studied academic disciplines;

- consolidation of theoretical knowledge, development of primary skills in the chosen field of training;

- familiarization with the tasks of the enterprises and organizations of Mogilev, the organizational structure of various organizations / enterprises, with the forms of organization of the production process and its technological support;

- familiarization with the organization of welding production at the enterprise at the place of internship;

- familiarization with the technological processes of manufacturing welded structures at the enterprise / organization at the place of internship;

- familiarization with the equipment for procurement, assembly and welding operations used at the enterprise/organization at the place of internship;

- collection of information for the performance of an individual task based on a welded assembly, the release of which is carried out at the enterprise / organization at the place of practice.

2. Learning outcomes

As a result of the internship, the student:

- studies the organizational structure of a machine-building enterprise and its management schemes;

- gets acquainted with the technological processes of manufacturing welded structures;

- gets acquainted with the equipment of the procurement and assembly and welding workshops of the plant;

- performs an individual task on the basis of a welded assembly manufactured by the enterprise.

3. Formed competencies:

SK-1 – To possess the physical basics of welding methods, knowledge for solving theoretical and practical problems of obtaining welded joints of various metals and alloys, issues of technological weldability of metals and alloys.

SK-6 – Be able to choose fusion and pressure welding equipment, power supplies and welding

modes that ensure efficient welding processes and stable quality of welded joints.

4. The form of intermediate certification is differentiated credit.