

FAMILIARIZATION AND PRODUCTION PRACTICE

ANNOTATION TO THE INTERNSHIP PROGRAM OF A HIGHER EDUCATION INSTITUTION

Specialty 1-36-01 06 - Equipment and technology of welding production

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	Form of higher education		
	Full-time (full-time)work	Part	- time Part-time abbreviated
Course	2	3	2
Semester	4	6	4
Total practice hours / credits	216/6		

1. Summary of the internship program (goals and objectives of the internship). The goals of the introductory and production practice are to master students' practical skills and prepare students for independent activities in the specialty they receive, consolidate theoretical knowledge obtained during the study of special disciplines, and acquire a knowledge base for successful study of special disciplines in the fourth and fifth years.

For effective practical training, students use the knowledge, skills and abilities formed in the course of studying the following disciplines: "Mechanics of Materials", "Material Science", "Applied Mechanics", "Electrical engineering and Electronics", "Construction materials technology", "Theory of welding processes", "Theory of mechanisms and machines", "Labor protection", "Technology of fusion welding and thermal cutting" focused on preparing for professional activities, providing lectures, laboratory and practical classes. Practice is the logical conclusion of studying these disciplines.

2. Learning outcomes. As a result of mastering the academic discipline, the student must:

know: the organizational structure of a machine-building enterprise and its management schemes; the technological process of manufacturing welded structures.

be able to: perform an individual task on the basis of a welding unit produced by the enterprise.

possess: knowledge of the characteristics of structural and welding materials used in the manufacture of welded structures.

3. Formed competencies: CC-6 - Be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems.

BOD-16 - Be able to apply basic safety techniques, industrial sanitation, fire safety and methods of protecting production personnel, the public and the environment from the possible consequences of accidents, natural disasters, man-made disasters.

SK-4 - Be able to analyze the production processes of the enterprise, evaluate the activity of the production cycle, find ways to optimize it; organize the work of small teams of performers to achieve their goals, interact with specialists in related professions.

SK-17 - Be able to search, organize and analyze information on the development of new technologies, equipment and technological equipment for welding processes.

4. Forms of current certification: differentiated credit (oral form). In order to be admitted to the test, the student must submit a practice report in accordance with the curriculum *оставить отчет*, which includes an individual task, as well as a practice diary with a feedback from the head of the enterprise.