

**UNDERGRADUATE PRACTICE
ANNOTATION
TO THE PRACTICE PROGRAM OF HIGHER EDUCATION INSTITUTIONS**

Specialty 1-53 01 01 – «Automation of technological processes and production»

Direction of the specialty 1-53 01 01-01 «Automation of technological processes and production (engineering and instrumentation)»

	Form of higher education
	Full-time (daytime)
Course	4
Semester	8
Total hours per academic discipline / credit units	162 / 4

1. Summary of practice (goals and objectives)

The purpose of the practice is to develop students' skills of independent work on the analysis of existing and the development of new means of automation of technological processes for the manufacture of parts and assemblies.

The objectives of the practice are to study the official purpose of manufactured products, their characteristics and technical and economic indicators, the structure of the enterprise and its workshops, issues of preparation, economics and organization of production, and to identify automation objects on this basis.

2. Learning outcomes

As a result of undergraduate practice, the student must:

know the official purpose of the assembly unit and parts in the product, their working conditions and design features;

be able to analyze existing and develop new automated technological processes for the manufacture of engineering products;

have the skills to improve and automate existing technological processes.

3. Formed competencies:

Codes of generated competencies	Names of competencies being formed
	Be able to apply basic scientific and theoretical knowledge to solve theoretical and practical problems
	Be able to work independently
	Make professional decisions independently, taking into account their social, economic and environmental consequences, as well as safety and fire safety regulations
	Work with scientific, reference and special literature in the field of automation
	Choose methods for optimizing production processes, taking into account the characteristics of specialization industries

4. Form of current and intermediate certification

Current and intermediate certification is carried out in writing through the preparation of reports, as well as oral tests.