

SECOND DESIGN AND TECHNOLOGICAL PRACTICE
ANNOTATION
TO THE PRACTICE PROGRAM OF HIGHER EDUCATION INSTITUTIONS

Speciality 1-36 01 04 – «Equipment and technologies for processing high-performance materials»

	Form of higher education
	Full-time (daytime)
Course	3
Semester	6
Total hours per academic discipline / credit units	216 / 6

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 technological processes for the manufacture of a product and its parts in the conditions of advanced enterprises in the organization of production.

The objectives of the practice are to study the official purpose of the manufactured product, its characteristics and technical and economic indicators, the structure of the enterprise and its workshops, the design and technological preparation of production, the features of setting up equipment, the economy and organization of production.

2. Learning outcomes

As a result of passing the second design and technological 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 the manufacturability of the design of the part, determine the type of production, calculate the cost of obtaining a workpiece;

possess the skills of improving the technological processes of manufacturing parts.

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