

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

**Speciality:** 1-36 80 02 «Innovative technologies in mechanical engineering»

**Profiling:** mechanical engineering and mechanical engineering

	Form of higher education	
	Full-time (daytime)	Correspondence
Course	1	2
Semester	2	3
Total hours per academic discipline / credit units	108 / 3	

**1. Summary of practice (goals and objectives)**

The purpose of the practice is to consolidate the knowledge and skills gained in the process of theoretical training in the master's program, mastering the skills of researching topical scientific problems in the field of mechanical engineering, the use of innovative educational technologies in teaching technical disciplines.

The objectives of the practice are:

- consolidation of knowledge and skills obtained in the process of theoretical training in the magistracy;
- mastering the skills of researching topical scientific problems in the field of mechanical engineering;
- the use of innovative educational technologies in the teaching of technical disciplines.

**2. Learning outcomes**

As a result of the internship, the student must:

**know** modern methods of designing machines, equipment, technological processes and equipment, new materials in the field of mechanical engineering, the use of design automation tools, design documentation;

**be able** to draw up a practice report in accordance with the requirements for registration;

**possess** the skills of conducting experimental research.

**3. Formed competencies:**

Codes of generated competencies	Names of competencies being formed
	Ability for independent research activities (analysis, comparison, systematization, abstraction, modeling, data validation, decision making, etc.), readiness to generate and use new ideas
	Methodological knowledge and research skills that provide solutions to the problems of research, scientific and pedagogical, managerial and innovative activities

**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.