

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

Specialty 6-05-0713-04 Automation of technological processes and productions

specialization Automation of technological processes and productions in mechanical engineering

	Form of higher education
	Full-time (daytime)
Course	2
Semester	4
Total hours per academic discipline / credit units	216 / 6

1. The purpose of the first technological practice are:

– formation of students of the specialty 6-05-0713-04-1.1 « Automation of technological processes and productions», profiling « Automation of technological processes and productions in mechanical engineering» a general idea of programming on CNC machines, familiarization with general requirements, getting an idea of the organizational and production structure of modern organizations / enterprises; consideration of the features of technological processes with the use of CNC machines of an organization/enterprise;

– mastering practical skills and abilities of students and their preparation for independent professional activity in the specialty they receive.

The objectives of the first design and technology practice are:

- acquisition of professional skills by students in their specialty, consolidation, expansion and specialization of knowledge gained in previously studied disciplines;

– introduction to the programming of CNC machines;

– 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.

2. Learning outcomes

As a result of passing the first design and technological practice, the student must:

know the basics of CNC programming;

be able to write programs for processing on CNC machines;

have the skills of work on the design of technological processes.

3. Formed competencies:

UK-2 Solves standard tasks of professional activity based on the use of information and communication technologies. UK-5 To be capable of development and improvement in professional activity. SK-1 Should be able to use computer technology and mathematical methods to solve engineering problems in the field of mechanical engineering (development of drawings, automation of design of structures and technologies, etc.)

4. The form of intermediate certification

Intermediate certification is carried out in writing through the preparation of reports, as well as by conducting differentiated test.