ENGINEERING GRAPHICS

ANNOTATION
TO THE CURRICULUM OF A HIGHER EDUCATION INSTITUTION

Specialty Mechanical engineering technology, metal-cutting machines and tools
Profiling Technological equipment of machine-building production

	Form of higher
	Full-time (day)
Course	**1**
Term	1,2
Lectures, hours	34
Practical (seminar) classes, hours	68
Classroom control work (semester, hours)	
Credit, semester	2
Exam, semester	1
Classroom hours for the academic discipline	102
Independent work, hours	114
Total hours of academic discipline / credits	216/6

1. Summary of the academic discipline

The program provides for the development of spatial representation and imagination, constructive geometric, abstract and logical thinking, the ability to analyze and synthesize spatial forms.

2. Learning outcomes

- **know**:
- formation of drawings by the projection method;
- graphical methods for solving positional and metric geometric problems;
- **be able to**:
- execute and read engineering drawings;
- use standards and reference books;
- **have the skill of**:
- visual representation of details and reading drawings;
- the use of computer technology to build drawings.

3. Formed competencies

Master the basics of descriptive geometry, methods of projecting a machine-building drawing, performing and reading machine-building drawings, developing and executing design documentation.

4. Requirements and forms of current and interim certification.

The following forms are used to diagnose competencies: oral; written; oral-written.

To assess the level of knowledge of students, the following diagnostic tools are used: oral interview; protection of individual tasks - current information; passing an exam (test) – intermediate certification.