

## ENGINEERING GRAPHICS

### ANNOTATION TO THE CURRICULUM OF A HIGHER EDUCATION INSTITUTION

**Specialty** Information-measuring devices and systems \_\_\_\_

**Profiling** Information systems and technologies of non-destructive testing and diagnostics

	Form of higher education
	Full-time (day)
Course	<b>1</b>
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	150
Total hours of academic discipline / credits	252/7

#### 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

Read and execute engineering drawings using standards and reference books.

#### 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 assignments; passing an exam (test).