

QUALITY MANAGEMENT AND CERTIFICATION

(name of the discipline)

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

Specialty 1-27 01 01 «Economics and organization of production»

Specialty direction by directions

Specialization

	Form of higher education	
	Full-time (day-time)	Part-time shortened
Course	4	4
Semester	7	7
Lectures, hours	34	8
Practical (seminar) classes, hours	16	4
Pass, semester	7	7
Classroom hours for the academic discipline	50	12
Independent work, hours	58	96
Total hours of academic discipline / credits	108/3	108/3

1. Summary of the academic discipline

The purpose of the discipline is to study a complex of issues related to the provision, management, and improvement of product quality based on quality management systems used in world practice, as well as procedures related to the confirmation of conformity of conformity assessment objects.

2. Learning outcomes

- to know

- stages of development and principles of quality systems and certification systems;
- theoretical aspects of the scientific approach to quality management of products, works and services;
- structure of international and national quality standards;
- the content of quality management functions at the enterprise and the main methodological approaches to their implementation;
- methodology for assessing the quality level;
- procedure and rules of certification;

- be able to

- competently use regulatory and organizational and methodological documentation related to the assessment of quality systems and certification;
- apply the basic principles of building quality management and certification systems at the enterprise;
- to analyze and evaluate the quality level of the company's products;
- apply information technologies of quality management and product certification;
- organize the work on the certification of quality systems.

- be able to

- methods of product quality assessment;
- methodological approaches to the implementation of quality management;
- methods of planning, accounting and cost analysis for the quality and certification of products.

3. Emerging competencies

Codes of formed competencies	The names of the competencies being formed
SC-13	Know the basic methods of assessing the quality of engineering products and the certification procedure process

4. Requirements and forms of current and intermediate certification: protection of individual tasks, test tasks for intermediate control of academic performance; test tasks for credit.