

«ORGANIZATION AND MANAGEMENT OF THE ENTERPRISE»

(course title)

**COURSE SYLLABUS ABSTRACT
of higher education institution
speciality**

1–53 01 01 -"Automation of Technological Processes and Production"

"Automation of Technological Processes of Components and Assemblies Manufacture". Qualification - automation engineer.

	STUDY MODE
	full-time
Year	3
Semester	6
Lectures, hours	34
Practical classes (seminars), hours	34
Course paper, semester	6
Exam, semester	6
Contact hours	68 (20)
Independent study, hours	40
Total course duration in hours / credit units	108 (3)

1. Course outline

This discipline is aimed at studying by students the main categories, principles and methods of organizing production and management in mechanical engineering. The student must learn the meaning and role of factors of production in the production system, their interaction in the production of products.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know: features of the organization of various types of production; the structure of an industrial enterprise in mechanical engineering; methods of planning and managing production processes in mechanical engineering; organization of machine-building production and carrying out practical work and research in this area; optimal construction of the production process at the enterprise in accordance with the given pace, volume and timing of its release; optimal organization of auxiliary industries (tool, repair, transport, storage facilities, etc.); organization and planning of the production of new models of machines and the complex of works related to this for the technical preparation of their production;

be able to: choose the form of organization of production for the given conditions; evaluate the effectiveness of the organization of existing production in mechanical engineering; develop an action plan to improve the organization of production at a machine-building enterprise; to conduct ongoing work on the design and improvement of the organization of production units - workshops, sections, production lines and individual workplaces; to organize work on the implementation of the developed schedules and to provide the subdivisions with everything necessary for their implementation on time and in full; plan work on the technical preparation of new equipment and new technology; set tasks for automated processing of information and performing the necessary calculations on a computer in the field of production organization; independently make decisions on issues related to the organization of production, own rational methods of searching and using information in this area;

possess: methodology for the formation of the management structure of the enterprise and its individual divisions; skills in organizing the management of areas for machining parts and assembling units, taking into account the type and organizational form of production; methods for evaluating the effectiveness of management of departments and enterprises as a whole.

3. Competencies

SK-9.3 Understand the systemic foundations of the organization of production, the features of the organization of various types of production, design and technological preparation of production, technical and economic planning and production management

4. Requirements and forms of midcourse evaluation and summative assessment

Exam