ORGANIZATION OF PRODUCTION AND ENTERPRISE MANAGEMENT IN MECHANICAL ENGINEERING

COURSE SYLLABUS ABSTRACT

Specialty 1 - 36 01 04 - " Equipment and technologies for highly efficient material processing processes "

	STUDY MODE
	full-time
Year	3
Semester	7
Lectures (including hours for guided independent work), hours	34/10
Practical classes (seminars) (including hours for guided independent work), hours	16/4
Pass/fail, semester	7
Course project, semester	7
Independent study, hours	58
Contact hours, (including hours for guided independent work)	50/14
Total course duration in hours / credit units	108/3

1. Course outline

The purpose of teaching the discipline "Organization and management of a mechanical engineering enterprise" is to teach students the methods and means of influencing the economy of production in order to save the costs of social labor while achieving the optimal final result; development of engineers' sense of responsibility for the results of production and economic activities,

2. Course learning outcomes

Upon completion of the course, students will be expected to

know: basic concepts and terms used in characterizing the organization of production and management: the basic principles that determine the organizational and managerial system of production; the basics of designing and improving the structure of industrial production; the main ways to improve the organization of production and management system; the purpose and essence of regulatory documents regulating the process of organizing production;

be able to: correctly state their thoughts regarding the characteristics of the organization of production and management; analyze the state of domestic production using a modern methodological tool; make calculations that allow to assess the effectiveness of decisions made on the organization, planning and management of production; carry out business planning in the enterprise; set tasks for performers and monitor the performance of work.

possess: modern methods of production organization; methods of production planning and management; methods of organization of the production process; methods of motivation and management methods to achieve the set goals; elements of the culture of managerial work.

3. Competencies

The development of this academic discipline should ensure the formation of the following competencies:

SK-1 – To know the structure of an industrial enterprise, the principles and trends in the development of innovative technologies in mechanical engineering, methods of applying these technologies.

4. Requirements and forms of midcourse evaluation and summative assessment

For the diagnosis of competencies, it is recommended to use oral and written forms. To assess the level of knowledge of students, the following diagnostic tools are used: oral and written questioning during practical classes and passing the test