

ORGANIZATION OF PRODUCTION

(course title)

COURSE SYLLABUS ABSTRACT of higher education institution speciality

1-25 01 07 Enterprise Economy and Management

(speciality code and name)

	STUDY MODE	
	full-time	part-time (shortened program)
Year	3	4
Semester	6	8
Lectures, hours	50	10
Practical classes (seminars), hours	16	-
Laboratory classes, hours	34	6
In-class test (semester, hours)	-	8 (2hours)
Exam, semester	6	8
Contact hours	100	18
Independent study, hours	40	122
Total course duration in hours / credit units	140/3,5	

1. Course outline

The purpose of the discipline is to teach students the principles of organization and design of production processes, methods for calculating the basic parameters of various types of production, approaches to the organization of production maintenance. The objectives of the discipline are:

- to give theoretical knowledge about the essence of the nature of the basic laws, problems of production organization in the conditions of development of market forms of management, including in the conditions of economic transformation, about the principles, forms, methods of production organization at machine-building enterprises;
- to teach methods of design and modeling of basic, auxiliary and servicing production processes at machine-building enterprises, new formation of the enterprise infrastructure;
- to equip students with knowledge of the methodology and methodology of planning, organization of analysis, evaluation and design of the production system of mechanical engineering, design of its organizational, production structure, management structure, selection of the level and structure of the forms of production organization, determination of the type of production, identification of ways to improve and increase the efficiency of the organization of production processes;
- to form knowledge and skills in the field of organization of production at enterprises and ensuring the effective functioning of production systems.

2. Course learning outcomes

Upon completion of the course, students will be expected to

to know: theoretical foundations and patterns of production organization at enterprises; principles, forms and methods of rational organization of production processes; organization and planning of maintenance and technical preparation of production; methods of ensuring the functioning and development of production systems.

be able to: perform calculations in the development of projects for the organization of production processes; select and justify the forms and methods of production organization; determine the company's need for tools, vehicles, various types of energy, repair work; identify organizational reserves; evaluate the economic efficiency of the development of production systems.

possess: the methodology for developing a project for organizing the production process, ensuring its effectiveness; methods for assessing the need for material and technical resources for organizing production.

3. Competencies

Codes of competencies	The names of the competencies being formed
PC-4	Develop a rational organizational structure for the management of an organization (enterprise)
PC-7	To carry out organizational preparation of production, as well as the formulation of innovative management and economic tasks
PC-8	Provide economic justification for design and technological preparation of production
PC-11	Organize modernization and production of new types of products

4. Requirements and forms of midcourse evaluation and summative assessment.

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

To assess the level of knowledge of students, the following diagnostic tools are used:

- oral and written survey during practical classes;
- carrying out control works (test tasks) on individual topics;
- protection of laboratory work;
- passing the exam.