ECONOMICS, ORGANIZATION, AND ENTERPRISE MANAGEMENT

(course title)

COURSE SYLLABUS ABSTRACT

Specialization 6-05-0611-01 "Information systems and technologies (by area)"

(speciality code and name)

Information systems and technologies in design and production

(concentration)

	STUDY MODE
	full-time
Year	4
Semester	7
Lectures, hours	32
Practical classes (seminars), hours	32
Exam, semester	7
Contact hours	64
Independent study, hours	66
Total course duration in hours / credit units	130/4

1. Course outline

Fixed assets of the enterprise. Working capital of the enterprise. Labor resources, labor productivity and wages. Cost and price of products. Income, profit, profitability. Production capacity. Economic efficiency and economic effect. Structure and principles of rational organization of the production process. Organization of the production process in space and time. Organization of flow production. System for the creation and mastering of new technology (SCDNT). Organization of SCDNT cycle planning (SPU). Organization of service production. Methods and technology of enterprise and personnel management. Enterprise management structures.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know:

- the structure and resources of manufacturing enterprises;
- types of enterprise costs, product pricing;
- economic performance indicators;
- the nature of the main economic categories (labor productivity, product cost, etc.);
- ways to improve production efficiency and save all types of resources;
- basic concepts and terms used in characterizing production organization;
- the fundamental principles defining the organizational and managerial system of production;
- the basic principles of modern production organization;
- methods and techniques of production organization.

Be able to:

- evaluate the enterprise's fixed assets and working capital;
- calculate the cost of production and its price;
- calculate economic indicators of enterprise performance and evaluate their results;
- correctly express one's thoughts regarding the characteristics of production organization;
- perform calculations that allow one to evaluate the effectiveness of decisions made regarding the organization and planning of production;
- assign tasks to performers and monitor the performance of work.

to possess a skill:

- assessing the organization's operational effectiveness;
- determining the enterprise's needs for fixed and working assets, personnel, and financial resources;
- mastery of production process organization methods, efficiency improvement techniques, and production management;
- skills in organizing the management of machining sections and assembly units, taking into account the type and organizational structure of production.

3. Competencies

Possess skills in economic calculations in the field of mechanical engineering production.

4. Requirements and forms of midcourse evaluation and summative assessment

The following forms are used to assess competency: written; oral and written.

The following assessment tools are used to assess students' knowledge: tasks and tickets.