

# ECONOMICS OF ENTERPRISE IN MECHANICAL ENGINEERING

## COURSE SYLLABUS ABSTRACT

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

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	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
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 the discipline "Economics of Enterprise in Mechanical Engineering" is the formation of students' basic knowledge, theoretical foundations and practical skills in the field of economics of industrial enterprises, allowing them to make optimal options for technical solutions that ensure an increase in the economic efficiency of industrial production.

### 2. Course learning outcomes

#### Upon completion of the course, students will be expected to

**know:** basic concepts and terms used in characterizing the economy of production; theoretical foundations of the economy of modern production; features of the creation, functioning and closure of enterprises of various forms of ownership; fundamentals of enterprise management and methods of economic substantiation of management decisions; methods for assessing the availability, movement and efficiency of the use of the main economic resources of the enterprise; scientific basis and ways to improve production efficiency, save all types of resources;

**be able to:** analyze the state of industrial production, using a modern methodological tool; perform technical and economic calculations and economically justify the decisions made; collect the data necessary for economic analysis; carry out an enlarged calculation to justify the cost and selling price of products of industrial enterprises; calculate the economic indicators of the functioning of the enterprises of the industry and evaluate their achieved results.

**possess:** ways to improve the efficiency of production, investment and new technology; methods of feasibility study of design solutions; methods of calculating the economic efficiency of the main aspects of the production and economic activities of the enterprise.

### 3. Competencies

The development of this academic discipline should ensure the formation of the following competencies: SK-2 – Be able to evaluate fixed assets and indicators of economic efficiency of the enterprise, calculate the cost of production and its price.

### 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