

THE ECONOMY OF THE ENTERPRISE

(course title)

COURSE SYLLABUS ABSTRACT

Specialty 6-05-0714-03 "Engineering and technical design and production of materials and products from them"
"Equipment and technology of welding production"

profilization

Specialty 6-05-0713-04-1 "Automation of technological processes and productions"

"Automation of technological processes and productions in mechanical engineering"

profilization

Specialty 6-05-0714-02-01 "Technology of mechanical engineering, metal cutting machines and tools"

"Technology of mechanical engineering"

profilization

Specialty 6-05-0714-02-2 "Engineering technology, metal cutting machines and tools"

"Equipment and technologies of highly efficient material processing processes"

profilization

Specialty 6-05-0722-05 "Production of products based on three-dimensional technologies"

6-05-0714-03 "Engineering and technical design and production of materials and products from them", specialization "Equipment and technology of welding production"; 6-05-0714-02 "Technology of mechanical engineering, metal-cutting machines and tools", specialization "Technology of machine-building".	STUDY MODE	
	full-time	correspondence
Year	3	3
Semester	6	6
Lectures, hours	34	8
Seminars classes, hours	16	4
Test, semester	6	6
Classroom hours in the academic discipline	50	12
Independent study, hours	58	96
Total course duration in hours / credit units	108 / 3 з. е	

6-05-0713-04 "Automation of technological processes and productions"; 6-05-0714-02 "Technology of mechanical engineering, metal-cutting machines and tools", specialization "Equipment and technologies of highly efficient material processing processes".	STUDY MODE
	full-time
Year	3
Semester	6
Lectures, hours	34
Seminars classes, hours	16
Test, semester	6
Classroom hours in the academic discipline	50
Independent study, hours	58
Total course duration in hours / credit units	108 / 3

Specialty 6-05-0722-05 "Production of products based on three-dimensional technologies"	STUDY MODE
	full-time
Year	3
Semester	6
Lectures, hours	34
Seminars classes, hours	16
Test, semester	6
Classroom hours in the academic discipline	50
Independent study, hours	58
Total course duration in hours / credit units	108 / 3

1. Course outline

Fixed and working capital. Labor resources, labor productivity. Wages. The cost of production. Pricing, profit, profitability. Production capacity and program. Innovative and investment activities of the enterprise. Economic efficiency of production.

2. Course learning outcomes

Upon completion of the course, students will be expected to

- to know: the structure and resources of manufacturing enterprises; types of enterprise costs, product pricing; taxation system, economic efficiency indicators; the essence of the main economic categories; ways to increase production efficiency, save all types of resources; methods of technical and economic justification and optimization of scientific, technical and organizational solutions.
- be able to: evaluate the company's fixed and working capital; calculate the cost of products and their price; calculate the economic performance of enterprises and evaluate the results they achieve; calculate the efficiency of design solutions; make an economic justification for choosing a method of manufacturing parts and assembly of the assembly.
- have the following skills: methodology of economic justification of the choice of a method of mechanical processing of products; methods of choosing the most economical technological process for manufacturing a part and assembly of a unit; methods of calculating the cost of machine-building products.

3. Competencies

6-05-0714-02 "Technology of mechanical engineering, metal cutting machines and tools" specialization "Technology of mechanical engineering"
Know the methods of calculating the main production assets and other assets of the enterprise, labor rationing, estimating the cost and price of products, determining the economic efficiency of investments and the enterprise as a whole.
6-05-0714-02 "Engineering technology, metal cutting machines and tools" specialization "Equipment and technologies for highly efficient material processing processes»
Be able to evaluate the company's fixed assets and economic efficiency indicators, calculate the cost of production and its price.
6-05-0714-03 "Engineering and technical design and production of materials and products from them" specialization "Equipment and technology of welding production"
To analyze the production processes of industrial enterprises of various forms of ownership, assess the duration of the production cycle, and find ways to optimize it.
6-05-0713-04-1 "Automation of technological processes and productions"
Know the methods of calculating the main production assets and other assets of the enterprise, labor rationing, estimating the cost and price of products, determining the economic efficiency of investments and the enterprise as a whole.
6-05-0722-05 "Production of products based on three-dimensional technologies"
Analyze the efficiency of production processes at the enterprise, calculate the efficiency indicators for the use of production resources.

4. Requirements and forms of midcourse evaluation and summative assessment

The interim assessment is carried out in the form of ongoing academic performance monitoring (TKU), which is carried out in the form of test work. The form of intermediate assessment (IA) is a test.

