

PRODUCTION LOGISTICS

(course title)

COURSE SYLLABUS ABSTRACT of higher education institution

Specialty 1-27 02 01 "Transport logistics (by directions)"

Direction of the specialty 1- 27 02 01-01 "Transport logistics (road transport)"

	STUDY MODE
	Full-time
Year	3
Semester	5
Lectures, hours	50
Practical (seminar) classes, hours	34
Exam, semester	5
Classroom hours per academic discipline	84 (30)
Independent work, hours	36
Total hours per academic discipline / credit units	216 / 6

1. Course outline

The concept, structure and essence of industrial logistics. Organization of procurement logistics and determination of the enterprise's need for material resources. Evaluation and selection of a supplier, documentation of the procurement process. Methods of procurement, calculation of deliveries and evaluation of procurement logistics. The essence and principles of the organization of the production process. Organization of the production process in time. Types and methods of organization of production. Organization of production logistics at the enterprise. Fundamentals of operational planning and material flow management in production. Routing production management system and volume-dynamic method of planning production processes. The concept, essence and scope of distribution logistics. Intermediaries in distribution logistics. The concept of "optimization" and its main directions in distribution logistics. Creation and definition of locations of distribution centers.

2. Course learning outcomes

Upon completion of the course, students will be expected to

know:

- basic concepts and terms in the field of production logistics;
- tasks, functions and structure of production logistics;
- methodological apparatus of production logistics;
- Directions for optimizing procurement, production and distribution.

be able to:

- to model the processes of production, distribution and procurement;
- identify and select the best procurement methods;
- to study the market of purchases and sales;
- to determine the area of potential sales of products and services.
- competently draw up contractual relations when moving material flow from the manufacturer to the consumer and from the supplier to the manufacturer.

possess:

- the conceptual apparatus of production logistics;
- skills of analysis and synthesis of logistics systems;
- research methods of material, information, financial flow in production logistics.

3. Competencies

SC - 10 Be able to plan production and economic activities taking into account the logistics approach, manage the main logistics functions of the enterprise.

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

Intermediate certification is carried out in the form of intermediate progress control (PKU) which is performed in the form of individual assignments, tests and test tasks.