

**METHODICAL RECOMMENDATIONS FOR SELF-STUDY  
ON «INTERNATIONAL LOGISTICS AND PROCESS  
MANAGEMENT»  
INTRODUCTION**

An effective role in studying the discipline is played by rational means: methods of organizing independent work, working conditions, day mode, technique of work, etc. Student's self-study (SSS) is an independent activity of a student, which a scientifically-pedagogical worker plans with a student, but performs her student on the tasks and under the methodological guidance and control of the scientific and pedagogical worker without his direct participation.

The purpose of performing of SSS - deepening, generalization and consolidation of theoretical knowledge and practical skills of students in the discipline "Information systems and technologies in the management of foreign economic activity", by developing the ability to work independently with the academic discipline.

**The purpose** of teaching the discipline of "International Logistics and Process Management" is to provide future specialists with theoretical knowledge and practical recommendations in the field of logistics management, methods, means of forming logistics systems, transport support for international business, and trends in its development.

**The objectives** of the discipline study are:

- formation of knowledge about the methods of logistics management;
- implementation of the system vision for the logistics component of globalization processes;
- identification of the features of transport support for international relations;
- acquisition of practical skills in selecting international suppliers of products;
- definition of strategic directions of development of the international logistical systems;
- familiarization with the management of warehouse processes;

- formation of strategies for inventory management;
- acquisition of skills for developing and implementing measures to ensure efficient and effective activity of entities in the implementation of logistics activities.

As a result of studying this academic discipline, the student must acquire the following competency data:

- understand the methodological aspects of logistics management and the scope of its application in ensuring the effective functioning of the organization;
- be able to develop strategic principles for logistics planning, production logistics, to select product distribution channels;
- to determine the factors that reveal the globalization of business, the features of global competition, export-import operations in international logistics;
- understand the features of global competition and the principles of the development of international logistics in free economic zones;
- to know the legal basis and standards of liability of customs brokers, freight forwarders and customers;
- be able to calculate the technical and economic features of the delivery of goods in international traffic;
- to apply in practice approaches to modeling decision-making when optimizing the company's internal production processes;
- to define and analyze the basic functions of logistics in the management of stocks and transport;
- to apply the selected analytical tool to the logistics (ABC and XYZ methods);
- to apply principles of organization of international logistics processes;
- to evaluate the advantages of multinational companies in international business;
- independently choose the optimal level of service in logistics systems;
- characterize the effect of the basic terms of supply on the organization of transportation of goods;

- to change and classify processes in the organization;
- analyze the processes occurring in the organization;
- seek and identify sources of improvement of the process.

The academic discipline "International logistics and process management" is based on the knowledge of such disciplines as: " International credit and currency operations", "International management and marketing" and is a base for studying such disciplines as: "Strategic management of corporations", "Investment management ".

The effectiveness of organization of independent work of students and, as a consequence, independent teaching activity in general, is largely determined by methodological support. Therefore, methodological recommendations for independent work of students, themes and plans of practical classes, control questions for self-examination, examples of solving problems and conditions for self-fulfillment, as well as a list of recommended literature.

## Questions for self-employment

1. What are two inventory classification systems? [ABC Analysis, Critical Value Analysis] How do these differ? What is the purpose of such systems? How is ABC analysis done? How is Critical Value Analysis done?
2. What are the two basic types of inventory control systems? [fixed order quantity, fixed order period] What is the purpose of such systems? When would it be best to use each one?
3. What are characteristics of the fixed order quantity EOQ model?
4. What are characteristics of the fixed order period model (fixed interval)?
5. What is the 80-20 rule? How is it stated? What causes this to occur when looking at products?
6. What are the various costs associated with inventory? Which are largest? How are they expressed?
7. What is in-transit inventory? What costs are associated with this type of inventory?
8. What is the simple price break model? What cost equation does it use? What decision rule is used in determining the optimal value to order?
9. What are the basic assumptions of the basic EOQ model?
10. What are reasons for holding physical supply inventory? What are reasons for holding physical distribution inventory?
11. How does inventory interface with the different areas of the firm: finance, marketing, production? What levels and types of products are desired by each area?
12. What do the terms in the total annual cost equation for the fixed order quantity model mean? How is the cost of goods figured? How is the total annual ordering cost figured? How is the total annual carrying/holding cost figured?
13. What happens when the EOQ quantity is increased? What happens to carrying/holding costs? What happens to ordering costs?
14. What does the graph for total cost look like when the quantity ordered is increased?

15. What is the formula for the Economic Order Quantity for the fixed order quantity model? What costs were used in determining this?
16. What types of items should be used with the fixed order quantity model and the fixed order period model?
17. What is the reorder point? In what model is it used? How is it calculated?
18. What is "just-in-time" inventory management? What are the characteristics? When does it work best? How does it compare to the American system? Problems?
19. What are the functional types of inventory we find in a logistical system?
20. How is inventory valued? (textbook question)
21. What is the customer service tradeoff?
22. What is the objective of inventory management and control?
23. What are Quick Response (QR) and Efficient Consumer Response (ECR) replenishment systems?

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