

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
NATIONAL AVIATION UNIVERSITY

Educational and Research Institute of Economics and Management
Management of Foreign Economic Activity of Enterprises Department

APPROVED
Vice-Rector for Academics
and Educative Activity

_____ T.Ivanova
« ____ » _____ 2017



Quality Management System

COURSE TRAINING PROGRAM

on

"International Logistics and Process Management"

Field of study: 07 «Management and Administration»
Speciality: 073 «Management»
Specialization: «Management of Foreign Economic Activity»

Year of study – 1st

Semester – 1st

Lectures – 17
Practicals – 17
Self-study – 86
Total (hours/ECTS credits) – 120/4.0
Homework - 1st semester

Graded Test – 1st semester

Index ECM-6-7-073/17-3.1.10

QMS NAU CTP 11.02.03-01-2017



The Course Training Program on " International Logistics and Process Management" is based on Master Extended Curriculum № ECM-6-7-073/17 for Speciality 073 "Management" , Specialization "Management of Foreign Economic Activity", and correspondent normative documents.

Developed by:

Associate Professor
of the Management of Foreign Economic
Activity of Enterprises Department _____ O. Katerna

Discussed and approved by the Graduate Department for the Speciality 073 "Management", Specialization "Management of Foreign Economic Activity", – Management of Foreign Economic Activity of Enterprises Department, Minutes № _____ of _____ 2017.

Head of the Department _____ O. Ilienکو

Discussed and approved by the Scientific-Methodological-Editorial Board of the Educational and Research Institute of Economics and Management, Minutes № _____ of " _____ " _____ 2017.

Head of the SMEB _____ A. Tofanchuk

"Agreed"
Director of ERIEM
_____ S. Petrovska

" _____ " _____ 2017.

Director of the Center
of Advanced Technologies
_____ V. Kazak

" _____ " _____ 2017.

Document level – 3b
The planned term between the revisions – 1 year
Master copy



CONTENT

page

Introduction

1. Explanatory note

1.1. Planned results	4
1.2. Program of educational discipline	4

2. Subject content

2.1. Thematic plan of subject.....	5
2.2. Lecture classes, their subject matter and scope.....	6
2.3. Practical classes, their subject matter and scope.....	6
2.4 The student's self-study work, its content and scope.....	7
2.4.1. Home work	7

3. Educational and methodological materials on discipline

3.1. Teaching methods.....	7
3.2. Recommended literature.....	7
3.3. Information resources on the internet	8

4. Rating system of knowledge and skills assessment

4.1. Methods of control and grades scheme.....	8
------------------------------------------------	---



1.INTRODUCTION

The Course Training Program (CTP) of the academic discipline is developed on the basis of the "Guidelines for the development and execution of Syllabus and Course Training Program of subjects", promulgated by order 106, dated "_13" _07 ____ 2017. and corresponding normative documents.

1. Explanatory note

1.1. Planned results.

This academic discipline is the theoretical basis of the body of knowledge and skills that form the profile of a specialist in management of foreign economic activity.

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 " .

1.2. Program of academic discipline.

The educational material of the discipline is structured on a modular basis and consists of one training module, namely:

Module 1 "International logistics and process management."

Topic 1. The essence, role and tasks of international logistics.

Essence and features of international logistics. The role of logistics in the implementation of business and economic activities of the enterprise. Aspects of international logistics. Factors of globalization and the relationship between them. Trends in international logistics.



Topic 2. The role of logistics systems in international economic relations.

Globalization of business as a factor of increasing competitiveness. Factors that determine the globalization of business. The driving forces of globalization in logistics. Features of global competition. Barriers in global logistics management.

Topic 3. Logistics management of international supplies.

Methods of selecting suppliers and organization of interaction with them. Algorithm for selecting a supplier. The choice of the strategy of warehousing and transportation in supply. The main aspects of supply. Methods of determining the price (from the supplier's cost positions, from the market position). Prices and discounts: trade, wholesale and subject to time factor. Futures and exchange purchases.

Topic 4. Logistical approach to management of material flows in the sphere of production.

Management of logistics operations in the production process. Logistics support system implementation of production decisions. The KANBAN system and the "just-in-time" concept. Methods of organizing logistics processes for different types of production. Optimization of the production program. Calculation of production indicators.

Topic 5. Features of the construction of the international system of products distribution.

Products distribution and its role in logistics. Identification of distribution channels. Logistic intermediaries in the distribution and formation of the distribution network. Principles of logistic modeling of sales. Distribution as a complex logistic function. Current trends in the distribution of goods. Structure of distribution channels, their types and functions. The main options for building distribution channels. Factors affecting the organization of distribution channels. Relationship of the distribution strategy to the overall strategy of the enterprise. Principles of distribution channels. The role, reasons for existence and benefits of using logistic intermediaries.

Topic 6. Design and development of inventory management systems.

Determination of stocks, their role and functions. Classification zapasiv. Proektuvannya and the development of inventory management systems. Methods of calculating the indicators of the stocks of production. Inventory management strategies. Calculation of the parameters needed to use different strategies for inventory management. ABC and XYZ - stock analysis and their application for the development of a stock management strategy.

Topic 7. Formation and functioning of international logistics centers.

The role and location of the warehouse in the logistics system of the enterprise. Advantages of storage. Classification of warehouses in logistics systems. Warehouse equipment: containers, racks, means of packaging, production packaging, means of mechanization and automation. Optimization of the warehouse system and process control in the enterprise. Principles of effective organization of the warehouse technological process. Technological schedules. Automated warehouse management system.

Topic 8. Transport logistics of international logistics.

The role of transportation in international logistics. Transportation infrastructure and transport and logistics complexes. Development of international transport corridors. Tendencies of development of participants of the market of transport services. Designing the delivery of goods in logistics systems. Routing of shipments. Transportation of delivery conditions in the rules of Incoterms. Comparative analysis of various modes of transport in logistics systems. Logistic principle of interaction of transport participants.

Topic 9. Logistics approach to customer service.

Essence and types of customer service. Logistical maintenance and the maintenance of the consumer. The choice of the level of logistic customer service. Assessment of the level of logistics service. Strategies for logistics customer service.

2. SUBJECT CONTENT

2.1. Thematic plan of subject

№	Topic	Academic Hours			
		All	Lectures	Practicals	Self-study
1	2	3	4	5	6
1st Semester					
Module 1 "International logistics and process management."					
1.1	The essence, role and tasks of international logistics	12	2	2	8
1.2	The role of logistics systems in international economic relations	16	2	2	12
1.3	Logistics management of international supplies.	12	2	2	8




1.4	Logistical approach to management of material flows in the sphere of production	14	2	2	10
1.5	Features of the construction of the international system of products distribution.	12	2	2	8
1.6	Design and development of inventory management systems	12	2	2	8
1.7	Formation and functioning of international logistics centers	12	-	2	10
1.8	Transport logistics of international logistics.	8	2	2	4
1.9	Logistics approach to customer service.	7	2	1	4
1.10	Home task	8	-	-	8
1.11	Module test №1	7	1	-	6
Total for the module №1		120	17	17	86
Total for the 1st semester		120	17	17	86
Total for the subject		120	17	17	86

2.2. Lecture classes, their subject matter and scope

№	Topic	Academic Hours	
		Lectures	Self-study
1st Semester			
Module 1 "International logistics and process management."			
1.1	The essence, role and tasks of international logistics. The role of logistics systems in international economic relations	2	4
1.2	Logistics management of international supplies.	12	4
1.3	Logistical approach to management of material flows in the sphere of production	14	4
1.4	Features of the construction of the international system of products distribution.	12	4
1.5	Design and development of inventory management systems	12	4
1.6	Formation and functioning of international logistics centers	12	4
1.7	Transport logistics of international logistics.	8	2
1.8	Logistics approach to customer service.	7	2
1.9	Module test №1	1	6
Total for the module №1		17	34
Total for the subject		17	34

2.3. Practical classes, their subject matter and scope

№	Topic	Academic Hours	
		Lectures	Self-study
1st Semester			
Module 1 "International logistics and process management."			
1.1	The essence, role and tasks of international logistics.	2	4
1.2	The role of logistics systems in international economic relations	2	8
1.3	Logistics management of international supplies.	2	4
1.4	Logistical approach to management of material flows in the sphere of production	2	6
1.5	Features of the construction of the international system of products distribution.	2	4
1.6	Design and development of inventory management systems	2	4
1.7	Formation and functioning of international logistics centers	2	10

	Quality Management System. Syllabus on "International Logistics and Process Management"	Document code	QMS NAU S 11.02.03-01-2017
		Page 7 of 10	

1.8	Transport logistics of international logistics.	2	2
1.9	Logistics approach to customer service.	1	2
Total for the module №1		17	44
Total for the subject		17	44

2.4 The student's self-study work, its content and scope

№	Content of self-study work	Self-study scope
1st Semester		
1.	Preparation for lectures	28
2.	Preparation for practical classes	44
3.	Homework performance	8
4.	Preparation for the modular test N1	6
Total for the subject		86

2.4.1. Home task

Homework (HW) is carried out in the first semester, in accordance with the methodological recommendations approved in the established order, with the aim of consolidating and deepening the theoretical knowledge and skills of students and is an important stage in mastering the educational material on discipline.

The time required to complete the homework is up to 8 hours of self-study work.

3. EDUCATIONAL AND METHODOLOGICAL MATERIALS ON DISCIPLINE

3.1. Teaching methods

In order to activate the learning process during lectures and practical exercises, methods of creative discussion, "alternative groups", "round table", presentation, work in small groups and the like are used. These methods of teaching allow you to structure lecture (practical) classes in form and content, create opportunities for each student in the work on the topic of classes that ensure the formation of personal qualities, provide an opportunity to exchange views on a topic, drawing knowledge of scientific literature.

3.2. Recommended literature

Basic Literature

3.2.1. Гаджинский А.М. Логистика: учебник / А.М. Гаджинский. – 20-е изд. – М.: «Дашков и К^о», 2012.– 484 с.

3.2.2. Андерсон Б. Бизнес-процессы. Инструменты совершенствования. – М.: Стандарты и качество, 2014. – 296 с.

3.2.3. Беспалов Р.С. Инструментарий разработчика бизнес-процессов. – М.: Акцион-Медиа, 2013. – 136 с.

3.2.4. Менеджмент процесів/ Под ред. Й. Беккера, Л. Вілкова, В. Таратухін, М. Кугелера, М. Роземанна; [пер. з нім.]. - М.: Ексмо, 2013. - 384 с.

3.2.5. Черемных О.С., Черемных С.В. Стратегический корпоративный реинжиниринг: процессно-стоимостной подход к управлению бизнесом. - М.: Финансы и статистика, 2014. – 822 с.

Additional Literature

3.2.6. Балабанов А. В. Электронная коммерция : учеб. пособие/А. В. Балабанов. – СПб. : Питер, 2011. – 375 с.

3.2.7. Бугорский В. Н. Информационный бизнес / В. Н. Бугорский, В. И. Фомин, О. Б. Кузнецова. – СПб. : СПбГИЭУ, 2014. – 327 с.

3.2.8. Гринберг А. С. Информационный менеджмент : учеб. пособие для вузов / А. С. Гринберг, И. А. Король. – М. : ЮНИТИ-ДАНА, 2003. – 415 с.

3.2.9. Серов М. Е. Процессный подход для улучшения качества. Карманный справочник. – М.: Приоритет, 2004. – 62 с.

3.2.10. Тельнов Ю. Ф. Реинжиниринг бизнес-процессов. – М.: Финансы и статистика, 2004. – 320 с.



3.3. Information resources in the Internet

3.3.1 mzedp.kaf@gmail.com

4. RATING SYSTEM OF KNOWLEDGE AND SKILLS ASSESSMENT

4.1. Grading of different kinds of academic work performed by a student is done in accordance with Table 4.1.
Table 4.1

1 st Semester		Max Grade
Module №1		
Kind of Academic Activities	Max Grade	
Answers on practicals (5 values.*9 classes)	45 (total)	
Answers on test (7 values*3 classes)	21 (total)	
Performing and Defending Homework	8	
For carrying out module test № 1, a student must receive not less than 42 values		
Performing of Module test №1	14	
Total for the module №1	88	
Graded Test		
Total for the subject		100

4.2. The completed curricular activity is accounted if the student received a positive mark (Table 4.2).

Table 4.2

Correspondence between the Grades and the National Scale

Grades				National Scale
Answers on practicals	Answers on test	Performing and Defending Homework	Performing of Module test №1	
5	7	8	13-14	Excellent
4	6	6-7	11-12	Good
3	4-5	5	9-10	Satisfactory
Under 3	Under 4-5	Under 5	Under 9	Bad

4.3. The grades a student has been given for the different kinds of academic work are summed up and the result constituting a Current Module Grade is entered into the Module Grade Register.

4.4. The Current Module Grade and the Module Test Grade together make up a Total Module Grade (Table 4.3) which in points and National Scale is entered into the Module Grade Register.

Table 4.3

Correspondence between the Total Module Grades and the National Scale

Module №1	National Scale
79-88	Excellent
66-78	Good
53-65	Satisfactory
under 53	Bad

4.5. The Semester Module Grade is calculated as the sum of the Total Module Grades. The correspondence between Semester Module Grade values and the National Scale is given in Table 4.4.

Table 4.4

Table 4.5

Correspondence between the Semester Module Grades and the National Scale

Semester Grades	National Scale
79-88	Excellent
66-78	Good
53-65	Satisfactory
under 53	Bad

Correspondence between the Examination Grade and the National Scale

Examination Grades	National Scale
11-12	Excellent
9-10	Good
7-8	Satisfactory
under 7	-

4.7. The Semester Module Grade and the Examination Grade together make up a Total Semester Grade whose correspondence to the National Scale and the ECTS Scale (Table 4.6).

Table 4.6

Correspondence of the Total Semester Grades to the National Scale and the ECTS System

Total Semester Grades	National Scale	ECTS System	
		ECTS Grade	Explanation
90-100	Excellent	A	Excellent (excellent performance with insignificant shortcomings)
82-89	Good	B	Very Good (performance above the average standard with few mistakes)
75-81		C	Good good performance altogether with a certain number of significant mistakes)
67-74	Satisfactory	D	Satisfactory (performance meets the average standards)
60-66		E	Sufficient (performance meets the minimal criteria)
35-59	Bad	FX	Bad (bad performance; a second testing is required)
1-34		F	Bad (very bad performance; a student shall retake the course)

4.7. The Total Semester Grade is entered into the Examination Register and into a student's record book in values, National Scale grades, and ECTS Scale grades.

4.8. The Total Semester Grade is entered into the Examination Register and into a student's record book, for example: *92/Ex/A, 87/Good/B, 79/Good/C, 68/Sat/D, 65/Sat/E, etc.*

4.9. Final grade of discipline is defined as the arithmetic average grade of the final semester of ratings. The Total Grade on the discipline is entered into for the Diploma Supplement.



(Ф 03.02–01)

АРКУШ ПОШИРЕННЯ ДОКУМЕНТА

№ прим.	Куди передано (підрозділ)	Дата видачі	Прізвище, ім'я та по батькові отримувача	Підпис отримувача	Примітки

(Ф 03.02–02)

АРКУШ ОЗНАЙОМЛЕННЯ З ДОКУМЕНТОМ

№ з/п	Прізвище, ім'я та по батькові	Підпис ознайомленої особи	Дата ознайомлення	Примітки

(Ф 03.02 – 04)

АРКУШ РЕЄСТРАЦІЇ РЕВІЗІЇ

№ пор.	Прізвище ім'я по-батькові	Дата ревізії	Підпис	Висновок щодо адекватності

(Ф 03.02–03)

АРКУШ ОБЛІКУ ЗМІН

Номер	Номер/сторінки (пункт)				Підпис особи, що внесла зміну	Дата внесення зміни	Дата введення зміни
	зміненого	заміненого	нового	анульованого			

(Ф 03.02 – 32)

УЗГОДЖЕННЯ ЗМІН

	Підпис	Ініціали, прізвище	Посада	Дата
Розробник				
Узгоджено				
Узгоджено				
Узгоджено				