

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
NATIONAL AVIATION UNIVERSITY
Faculty of Transport, Management and Logistics
Air Transportation Management Department

APPROVED
Rector

« _____ » _____ 2019



Quality Management System

SYLLABUS
on
"Aviation Insurance"

Field of study: 27 "Transport"
Specialty: 275 "Air Transport Technologies"
Specialization: 275.04 "Air Transport Technologies"
Educational Professional Program: "Air Transportation Management"

Year of Study – 3 Semester – 6

Classroom Sessions – 64 Graded Test – 6 semester
Self-Study - 56
Total (hours/ECTS credits) – 120/4,0

Index CB-6-275/16-2.2.11

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The Syllabus on «Aviation Insurance» is based on the educational and professional program and Bachelor Curriculum № CB-6-275/16 for Speciality 275 «Air Transport Technologies», Specialization 275.04 «Air Transport Technologies», Educational Professional Program «Air Transportation Management» and correspondent normative documents and order №207/од of 27.04.2018.

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Discussed and approved by the Graduate Department for Speciality: 275 “Air Transport Technologies” Specialization 275.04 “Air Transport Technologies” Educational Professional Program “Air Transportation Management” – Air Transportation Management Department, Minutes № 7 of 11 of March 2019

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Level of document – 3b

Planned term between revisions – 1 year

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EXPLANATORY NOTE

The curriculum of the course "Aviation Insurance" was developed on the basis of "Methodical instructions for the development and design of educational and work training programs of disciplines", put into effect by the decree of 16.06.2015 №37/поз.

This course is the theoretical basis of a set of knowledge and skills that form the aviation profile of a specialist in the field of aviation insurance.

The purpose of the course is to study the methodological bases and principles of insurance applied in the aviation industry.

The objectives of studying the discipline are:

- study of national and international documents regulating insurance processes in the aviation industry;

– mastering the skills of identification of aviation risks and calculations of insurance payments;

- familiarization with the practice of insurance in international air transportation.

As a result of studying this discipline, the student must:

Know:

He domestic legislation and professional terminology in the field of insurance and aviation insurance;

- documents regulating the processes of insurance of air transportation, insurance of crew members and aviation personnel;

–factors affecting the amount of insurance premium;

- methods and stages of insurance;

- distribution of liability for insurance.

- insurance functions;

- insurance principles;

- necessary information on liability insurance for the damage to the life and health of passengers, for damage caused to luggage and cargo;

– the amount of liability of the insurer in the insurance of the liability of the aircraft operator for losses in the performance of aviation works;

– principles of reinsurance and coinsurance;

Be able:

- manage insurance risks;

- – apply risk management techniques;

- – conduct marketing research of the insurance market;

- – develop the insurer's marketing policy;

- – apply the methods of forming consumer demand; put into practice regulations and insurance legislation in practice;

- – conclude insurance contracts;

- – resolve disputes under insurance contracts–

- - resolve disputes under insurance contracts;

- - classify insured events;–

- - carry out insurance valuation of property;–

- - determine the amount of the insurance amount and the premium;–

- - apply international aviation insurance legislation;

- - apply aviation risk insurance technology;



- determine the amount of liability of the insurer in the insurance of the liability of the aircraft operator for losses in the performance of aviation works
- apply the procedure for registration of an insured event;
- determine the amount of losses in case of insured event;–
- determine the level of liability of the parties for transport in case of insured event;–
- document the insurance event;
- apply legal rules for regulating the relations of carriers on domestic and international airlines;
- apply reinsurance and coinsurance methods.

The educational material of the subject is structured according to the modular manner and consists of two training modules:

- training **module №1 "State regulation of insurance in the aviation industry"**.
- training **module №2 "Risk management in aviation insurance and insurance risks»**, each of which is logically completed, relatively independent integral part of the discipline, learning of which provides module test and analysis of the results of its performance.

Academic subject «Aviation Insurance» is based on the knowledge of the following subjects: «Passenger Transportation», «Marketing», «Air Passenger Transportation» and is the basis for studying such subject, as: “Technical and Economic Research on Transport”.

2. SUBJECT CONTENT

2.1. Module №1 «State regulation of insurance in the aviation industry»

Topic 2.1.1. Subject, method and tasks of the discipline.

Importance of insurance business to accumulate reserve funds and solve social problems. Development of aviation insurance in Ukraine. The subject and objectives of the course. Place of discipline in the specialist training system. The essence, principles and role of insurance. Necessity and forms of insurance protection. The origins of insurance. Insurance Features. Principles of insurance. The concept of insurance classification and its meaning. Classification by historical grounds, by economic characteristics, by objects of aviation insurance, by legal characteristics. Insurance rate. Sum insured. Insurance case. The concept of a franchise.

Topic 2.1.2. State regulation of aviation insurance.

Legal support of aviation insurance. Norms of regulation of insurance activity. Law of Ukraine “On Insurance”. Resolution of the Cabinet of Ministers of Ukraine "On Approval of the Procedure and Rules for Mandatory Civil Aviation Insurance". Problems and directions of improvement of the state policy in the field of insurance. Aviation insurance contract

Topic 2.1.3. International regulation of aviation insurance.

International documents covering air insurance. Principles of international compensation for losses and losses due to adverse events occurring in air transportation.

Topic 2.1.4. Aviation risks insurance for aviation operators.

Compulsory types of insurance on air transport: crew insurance; air carrier liability insurance; aircraft insurance. Aviation operator and insurance company work. Package of documents of the airline operator on the fulfillment of the insurance contract.

Topic 2.1.5. Airport owner and operator liability insurance.

Types of risks that are present in airport activity and are subject to insurance. The area of responsibility of the airport. Airport activity insured. Volumes of insurance coverage. Standard policy provisions. Setting insurance amounts (limits of liability). Conclusion of insurance contracts.



Topic 2.1.6. Insurance of property of aviation operators.

The concept, content and basic requirements for insurance contracts. Rights and Obligations of Subjects of Insurance Obligation. Insurance contract. Procedure for preparation and conclusion of an insurance contract. Dispute resolution and termination of the contract. Legal consequences of early termination of the insurance contract. Necessity and forms of insurance protection. Property valuation insurance. Insurance of technical risks.

Topic 2.1.7. Insurance of air transportation of passengers and cargo.

Objects and risks of personal insurance for crew members and aviation personnel. Features of insurance of employees of the customer of aviation works, the persons connected with maintenance of technological process during performance of aviation works and passengers who are transported on his request without purchase of tickets. Objects and risks of liability insurance of the air carrier and contractor for compensation of damage caused to passengers, baggage, mail, cargo. Insurance cases of air transportation.

Topic 2.1.8. Reinsurance and coinsurance on air transport.

The concept and role of underwriting (reinsurance). Aviation reinsurance methods: optional, obligatory and mixed. Differences of optional method of reinsurance from obligatory. The role of LLOYD'S insurance market in aviation insurance and reinsurance. Forms of carrying out reinsurance operations.

Module №2 «Risk management in aviation insurance and insurance risks»

Topic 2.1.1. Aviation risks and methods of their identification.

World and national statistics of aviation accidents and accidents. The position of the science of riskology. The concept of aviation risk. Aviation risk identification using Ishikawa diagrams and cause and effect diagrams. Risk tolerance and risk appetite. Risk field. Aviation risk field (portfolio) management. Risks in the CASCO aviation contract.

Topic 2.2.2. Principles of risk management in air transportation management.

World Risk Management Standards. Risk assessment methods. The concept of risk management. Three approaches to the concept of risk management. Embedding risk management into an airline's management system. Formation of indicators of estimation of efficiency of risk-management of the enterprise working in the field of commercial air transportation. Aviation Insurance Bureau.

Topic 2.2.3. The practice of actuarial calculations in insurance.

Actuaries. Methodology of actuarial calculations. Determining the probability of an insured event. Actuarial calculations as a system of mathematical and statistical regularities that governs the relationship between the insurer and insureds. Main tasks and classification of actuarial calculations. Structure of the tariff rate.

Topic 2.2.4. Actuarial calculations in aviation insurance.

The accumulated quota of the insurer in aviation insurance. Aviation insurance contract. Indicators used in risk assessment and actuarial calculations in aviation.

Topic 2.2.5. Aviation insurance and reinsurance markets.

Characteristics of aviation insurance markets. The main indicators of the dynamics of the markets of aviation insurance and reinsurance. Domestic and international aviation insurance markets. Aviation operator risk placement strategy in the insurance market. Risk allocation strategies.

Topic 2.2.6. Process in the aviation insurance market.

Employees of the insurance markets: Adjusters, surveyors, emergency commissioner. Functions of employees of insurance markets. Litigation in the domestic and world insurance markets.



Topic 2.2.7. Insurance protection of interests of participants of leases and financial leasing of aircrafts.

Leasing as a way of updating the fleet of aviation equipment. Risks of leasing companies. Legal issues of leasing insurance. Principal terms of leases and leases. Insurance risks in leasing contracts. Protection of the property interests of the parties to the lease agreement in the insurance contract. Calculations of insurance payments in leasing operations.

Topic 2.2.8. Conclusions of the course “Aviation Insurance”.

A review of the completed objectives of the course "Aviation Insurance". The disadvantages and benefits of insurance in the aviation industry. Problems of aviation insurance in Ukraine. Directions of development of the world and domestic aviation insurance market.

3. BASIC CONCEPTS OF GUIDANCE ON THE SUBJECT

3.1. Basic recommended sources

3.1.1. Постанова Кабінету Міністрів України від 13 липня 1998 року №1083 “Про порядок і умови проведення обов’язкового авіаційного страхування”.

3.1.2. Страхування: Підручник / Кер. авт. кол. і наук. ред. С.С. Осадець. Вид. 2-е, переробл. і доп. - К.: КНЕУ, 2002. – 599 с.

3.1.3. Страхові послуги: Підручник / С.С. Осадець, Т.М.Артюх, О.О.Гаманкова та ін.; Кер. авт. кол. й наук. ред. проф. С.С. Осадець і доц. Т.М.Артюх. – К.: КНЕУ, 2007. – 464 с.

3.2. Additional recommended sources

3.2.1. Александрова М.М. Страхування: Навчально-методичний посібник. - К.: ЦУЛ, 2002. – 208 с.

3.2.2. Базилевич В.Д., Базилевич С.С. Страхова справа. - К.: Т-во «Знання», КОО, 2002. – 203 с.

3.2.3. Воблый К.Г. Основы экономики страхования. - Тернопіль: Економічна думка, 2001. – 238 с.

3.2.4. Замков О.М. Страхування: Навчальний посібник / за редакцією д.е.н. О.О. Слюсаренко - К.: Міжнародна агенція «Bee Zone», 2003. – 320 с.

3.2.5. Шумелда Я. Страхування: Навчальний посібник для студентів економічних спеціальностей. - Тернопіль. - 2003. – 260 с.

3.2.6. Таркуцяк А.О. Страхування: питання і відповіді: Навч. посібник. – К.: Вид-во Європ. ун-ту, 2002. – 253 с.

3.2.7. Фалин Г.И. Актуарная математика в примерах и задачах/ Г.И. Фалин, А.И. Фалин. – М.: ФИЗМАТЛИТ. – 192 с.



(Ф 03.02 – 01)

АРКУШ ПОШИРЕННЯ ДОКУМЕНТА

№ прим.	Куди передано (підрозділ)	Дата видачі	П.І.Б. отримувача	Підпис отримувача	Примітки

(Ф 03.02 – 02)

АРКУШ ОЗНАЙОМЛЕННЯ З ДОКУМЕНТОМ

№ пор.	Прізвище ім'я 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

№ зміни	№ листа (сторінки)				Підпис особи, яка 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				