



## SYLLABUS OF THE SUBJECT «Aviation Insurance»

Educational Professional Program: «Air Transportation Management»

Field of study: 27 «Transport»

Speciality: 275 «Air Transport Technologies»

Specialization: 275.04 «Air Transport Technologies»

<b>Higher Education Degree</b>	First (Bachelor)
<b>Subject status</b>	Academic subject of professionally-oriented subjects cycle
<b>Course of study</b>	3
<b>Semester</b>	5,6
<b>Subject volume, ECTS credits / total amount of hours</b>	4,0/120
<b>Language</b>	Ukrainian, English
<b>To be studied (study subject)</b>	This discipline forms in future specialists the knowledge of the methodological foundations and principles of insurance used in the aviation industry.
<b>Why is it interesting and must be learned? (purpose)</b>	The purpose of teaching the discipline is to ensure a sufficient level of competence of specialists for the transport industry in the study of national and international documents governing insurance processes in the aviation industry; - mastering the skills of aviation risk identification and calculation of insurance benefits; - acquaintance with the practice of insurance in international air transport.
<b>What is studied? (learning results)</b>	Knowledge will be formed: - Take responsibility, show public consciousness, social activity and participation in the life of civil society, think analytically, critically understand the world; - Give answers, explain, understand explanations, discuss, report in the state language at a level sufficient for professional activity; - Investigate the components of ergonomics of transport technologies. Establish their efficiency and reliability. Be able to use modern specialized software to solve typical engineering problems in the field of automation of transport systems and processes, in particular, mathematical modeling, computer-aided design, database management, computer graphics methods; - Introduce methods of organizing safe transport activities; - Investigate the problems of the human factor related to transport, as well as the consequences of errors for safety and management. Identify patterns of human behavior in connection with mistakes.
<b>How is it possible to use the gained knowledge and skills? (competencies)</b>	- Ability to assess and ensure the safety of transport activities; - Ability to use modern information technologies, automated control systems and information systems in the organization of the transportation process; - Ability to critically analyze and solve practical problems in the field of air transport and related industries to ensure timely decisions, taking into account technical, regulatory, commercial, political, social and environmental constraints; - Ability to use professional knowledge and practical skills of technology, organization and management of air passenger traffic to solve engineering problems in production.
<b>Academic logistics</b>	<b>Course content:</b> Module 1. "Insurance in the aviation industry" Topic 1. State regulation of aviation insurance. International regulation of aviation insurance. Topic 2. Aviation operator's risk insurance. Property insurance of airlines.

	<p>Topic 3. Insurance of air transportation of passengers and cargo.</p> <p>Topic 4. Insurance of owners' liabilities and operators of airports.</p> <p>Topic 5. Aviation risks and methods of their identification. Principles of risk management in air traffic management.</p> <p>Topic 6. Actuarial calculations in aviation insurance.</p> <p>Topic 7. Markets of insurance and reinsurance of risks in the aviation industry.</p> <p>Topic 8. Insurance of the interests of participants in lease and financial leasing agreements of aircraft.</p> <p>Teaching methods: explanatory-illustrative method; problem statement method; interactive methods; research method</p> <p>Forms of study: full-time, part-time (external)</p>	
<b>Prerequisites</b>	The discipline is based on knowledge of such disciplines as: "Aviation safety and flight safety", "Transport law", "Air passenger transport", "Freight transport", "Mixed freight transport", "Transport geography".	
<b>Post-requisites</b>	The discipline is the basis for the study of such disciplines as: "Management quality, risks and audit of airlines", "International transportation", "Air passenger transport", "Air freight".	
<b>Information support from the fund and repository of NAU library</b>	<p>Basic concept of guidance:</p> <ol style="list-style-type: none"> <li>1. Фісун І., Ярова Г. Страхування: підручник. - К.: Центр навчальної літератури, 2019. – 232 с.</li> <li>2. Страхування в Україні / В.Г. Дрозд – К. Центр навчальної літератури:, 2021. – 420 с.</li> <li>3. Копич І.М. Актуарні розрахунки: підручник / І.М.Копич, В.М. Сороківський, С.В. Черкасова. – Львів. Новий світ – 2000”, – 2019 – 214 с.</li> </ol>	
<b>Location and logistics</b>	Class for theoretical classes, laptop, mobile device (phone, tablet) with Internet connection for: communication and surveys; homework; performing tasks of independent work; testing (current, boundary, final control)	
<b>Semester control, examination techniques</b>	Graded Test, Term Paper, Testing	
<b>Department</b>	Air Transportation Management Department	
<b>Faculty</b>	Faculty of Transport, Management and Logistics	
<b>Lecturer(s)</b>		<p><b>YAROTSKA TETIANA ROSTYSLAVIVNA</b>  <b>Position:</b> Associate Professor  <b>Scientific Degree:</b> PhD (Finances and Taxes)  <b>Academic Status:</b> -  <b>Teacher profile:</b>  <a href="https://scholar.google.com.ua/citations?user=i-j9u88AAAAJ&amp;hl=uk">https://scholar.google.com.ua/citations?user=i-j9u88AAAAJ&amp;hl=uk</a>  <b>Тел.:</b> 044 406-70-94  <b>E-mail:</b> <a href="mailto:tetiana.yarotska@npp.nau.edu.ua">tetiana.yarotska@npp.nau.edu.ua</a>  <b>Working place:</b> 2.113a</p>
<b>Originality of the subject</b>	Author's course, teaching in English	
<b>Link to the subject</b>	<a href="https://er.nau.edu.ua/handle/NAU/34200">https://er.nau.edu.ua/handle/NAU/34200</a>	