



	<p style="text-align: center;">Syllabus on «TRANSPORT LOGISTICS»</p> <p style="text-align: center;">Educational Professional Program: “Multimodal Transport and Logistics”</p> <p style="text-align: center;">Specialization: 275.04 “Transport technology (on air transport)” Specialty: 275 “Transport technology (on air transport)” Field of study: 27 “Transport”</p>
Level of postsecondary education	Bachelor
Course status	Subject Selected by Students
Year	4
Semester	7
Credit hours/academic hours	120/4,0
Language of course delivery	English
Course description	Features of the organization of transportation of goods and passengers by different modes of transport, as well as multimodal and intermodal transport.
Course rationale (aim)	The aim of the subject “Transport Logistics” is the formation of a system of knowledge and skills in the organization of transport management as a participant in the logistics chain, the organization of transportation in the consolidation and distribution of goods, assessing its quality and developing optimal schemes of transport processes in a rapidly changing market environment
Learning outcomes	<ul style="list-style-type: none"> – organize and manage the transportation of passengers and baggage in various connections. Select the mode, brand, type of transport (vessels), and routes. Coordinate passenger services at stations and passenger terminals. – evaluate the parameters of transportation flows. Design schemes and networks of transportation systems. Develop technologies for the operational management of transportation flows. – choose effective technologies for the interaction of transportation modes. Analyze the possibilities of applying various options for the interaction of transportation modes. – develop supply chains and assess their efficiency. – utilize methods for organizing transport and forwarding services for various types of connections.
Acquired skills and competencies	<ul style="list-style-type: none"> – the ability to solve complex specialized tasks and address practical issues in the field of transportation using theories and methods of modern transport science based on a systemic approach and considering the complexity and uncertainty of the operating conditions of transportation systems. – the ability to organize and manage the transportation of goods using various modes of transport. – the ability to operationally manage the movement of transportation flows. – the ability to organize the interaction of transportation modes. – the ability to optimize logistic operations and coordinate orders for transporting goods from the manufacturer to the consumer, adhering to laws, rules, and quality management system requirements. – the ability to organize international transportation. – the ability to organize transport and forwarding services for goods.
Course content	Course content: Transport as a logistics chain participant. Organization

	<p>of the unified transport process. Legal support for the organization of transportation of passengers, baggage, mail and cargo by road. Technological and commercial support for the organization of transportation of passengers, luggage, mail and cargo by road. Routing traffic. Legal support for the organization of cargo transportation by sea. Technological and commercial support for the organization of transportation of passengers, baggage, mail and cargo by sea. Legal support of the organization of transportation of passengers, baggage, mail and cargo by rail. Technological and commercial support for the organization of transportation of passengers, baggage, mail and cargo by rail. Legal support of the organization of transportation of passengers, baggage, cargo and mail by air. Planning of transportation of passengers, baggage, cargo and mail by air transport. Logistic intermediaries and their role in the transport process.</p> <p>Types of classes: lectures, laboratory classes</p> <p>Teaching methods: explanatory-illustrative method; method of problem statement; reproductive method; research method; business case.</p> <p>Format of learning: full-time</p>
Prerequisites	“Transport Infrastructure”, “Passenger Transportation”, “Cargo Science”, “International Transportation”, “Transport and Logistics Systems and Processes” and others
Application	“Transport and Logistics Systems and Processes”, “Evaluation of the Multimodal Transportation Efficiency”, “Fundamentals of Intermodal Transport Technologies” and others
Information Resources	<p>NAU repository: Course Training Program, list of questions for Module Test, educational and periodical literature on transport logistics.</p> <p>List of references</p> <ol style="list-style-type: none"> 1. Transport and Logistics Planning and Optimization / Abdelhamid Benaini, Jaouad Boukachour. IGI Global, 2023. 317 p. 2. Dong-Ping Song. Container Logistics and Maritime Transport. Routledge, 2021. 414 p. 3. The Logistics and Supply Chain Toolkit: Over 100 Tools for Transport, Warehousing and Inventory Management / Gwynne Richards. 3rd Edition. Kogan Page, 2020. 424 p. 4. Cargo Science and Logistics: Textbook / T. Gabrielova, S. Lytvynenko, V. Ivannikova, L. Lytvynenko, I. Borets. Kyiv: Publishing House “Condor”, 2020. 268 p. 5. Official website of The Verkhovna Rada of Ukraine. URL: http://zakon.rada.gov.ua
Location and technical support	Auditoriums of theoretical training, laboratory classes, computer software, multimedia equipment, Google Classroom
Assessment methods, final examinations	Graded Test
Department	Logistics Department
Faculty	Faculty of Transportation, Management and Logistics
Instructor	 <p>Semeriahina Myroslava Mykolaiivna Position : senior lecturer Instructor’s profile: http://ftml.nau.edu.ua/images/klog/Resume/cv_semeriahina.jpg Phone: (044) 406-75-95 E-mail: myroslava.semeriahina@npp.nau.edu.ua Office: 2.122</p>
Course authenticity	Combining and constantly updating modern material on transport

	logistics, applying in practical training of original business cases and developed business games
Course URL	In process