



**Syllabus on
«Logistics Management»**


Educational Professional Program: “Logistics”

Specialty: 073 “Management”

Field of study: 07 “Management and Administration”

Level of postsecondary education	Master
Course status	Mandatory Subject
Year	1
Semester	1
Credit hours/academic hours	4/120
Language of course delivery	English
Course description	After completing the course, the student will learn to solve complex tasks and problems in the field of logistics business process management, which involves conducting research and is characterized by the uncertainty of conditions and requirements. Will form decision-making skills in complex and unpredictable conditions that require the use of new approaches and forecasting
Course rationale (aim)	The aim of the subject is: mastering theoretical knowledge on logistics management and acquiring practical skills and abilities to use the principles and methods of logistics management in the process of managing an enterprise to increase its stability, coordinate actions and resolve conflict situations.
Learning outcomes	<ul style="list-style-type: none"> – critically consider, choose and use the necessary scientific, methodical and analytical tools for management in unpredictable conditions (LO 1); – to identify problems in the organization and justify the methods of solving them (LO 2); – to design effective management systems for organizations (LO 3); – to justify and manage projects, generate entrepreneurial ideas (LO 4); – to demonstrate in-depth knowledge of the essential properties of modern logistics concepts and structural features of the formation of logistics systems, patterns of design, operation and development of logistics systems (LO 14); – to apply specialized conceptual knowledge, which is the basis for original thinking and innovation, in particular, in the context of research of the competitiveness of logistics systems (LO 18).
Acquired skills and competencies	<p>EC1. Ability to solve complex tasks and problems in the field of logistics business process management or in the learning process, which involves research and / or innovation and is characterized by uncertainty of conditions and requirements.</p> <p>GC1. Ability to conduct research at the appropriate level.</p> <p>GC3. Skills in the use of information and communication technologies.</p> <p>GC4. Ability to motivate people and move towards a common goal.</p> <p>GC6. Ability to generate new ideas (creativity).</p> <p>GC7. Ability to think abstractly, analyze and synthesize.</p> <p>GC8. Ability to formulate conclusions and recommendations based on the results of research, to calculate the effectiveness of research.</p> <p>GC10. Ability to make decisions in complex and unpredictable</p>

	<p>conditions that require the use of new logistics approaches.</p> <p>GC11. Ability to make management decisions under conditions of uncertainty and risk.</p> <p>PC1. Ability to select and use management concepts, methods and tools, including in accordance with the defined goals and international standards of supply chain management.</p> <p>PC2. Ability to establish values, vision, mission, goals and criteria by which the organization determines further directions of development, develop and implement appropriate strategies and plans.</p> <p>PC6. Ability to develop leadership skills and demonstrate them in the process of managing people.</p> <p>PC10. Ability to manage the organization and its development.</p> <p>PC12. Ability to design, maintain and improve logistics management systems.</p> <p>PC14. Ability to design supply chains, align the supply chain strategy with the business strategy of the enterprise.</p> <p>PC15. Ability to choose methods and tools for data analysis and processing in logistics.</p> <p>PC16. Ability to conduct business intelligence and process large databases to improve supply chains (networks).</p> <p>PC17. Ability to manage risks in functional areas of logistics and supply chains, develop measures to prevent risk situations, implement international supply chain security standards.</p> <p>PC18. Ability to make innovative decisions to optimize logistics business processes.</p>
Course content	<p>Course content: Evolution of the scientific foundations of logistics management. The essence, tasks and features of effective logistics management. Theoretical and methodological foundations of logistics management. Scientific principles of logistics management. Functions of logistics management. Methods and technologies of logistics management. Logistics management strategy and tactics. Modern organizational forms of partnership management in logistics systems. Cluster strategy of logistics management. Synergistic efficiency of logistics management</p> <p>Types of classes: Lectures, Practicals</p> <p>Teaching methods: lectures using multimedia presentations, work in small groups, seminar-discussion, brainstorming, solving situational tasks, cases, business game.</p> <p>Format of learning: full-time</p>
Prerequisites	-
Application	"Risk Management in Logistics", "Logistics Systems Design", "Methodology of Applied Research in Logistics"
Information Resources	<p>NAU repository: Course Training Program, list of questions for module test and exam, educational and periodical literature on Logistics management.</p> <p>List of references:</p> <p>3.2.1. Kulyk V.A., Hryhorak M.Yu., Kostyuchenko L.V. Logistics management: education. manual / K.: NAU, 2012. 260 p</p> <p>3.2.2. USAID (2011). The Logistics Handbook, John Snow, Inc., 174p.</p> <p>3.2.3. Rushton, Alan (2014). The handbook of logistics and distribution management Alan Rushton, Phil, 690p.</p> <p>3.2.4. Jané, J., De Ochoa, A., & de Ochoa, A. (2006). The handbook of logistics contracts: a practical guide to a growing field. Springer.</p> <p>3.2.5. Krykavskiy E. Logistics for economists. Textbook. 2nd edition. Lviv: Publishing House of Lviv Polytechnic, 2014. 476 p. (Series "World of Marketing and Logistics", issue 9).</p>

Location and technical support	Auditoriums of theoretical training, practicals, computer software, multimedia equipment, Google Classroom
Assessment methods, final examinations	Module Test, Term Paper, Examination
Department	Logistics Department
Faculty	Faculty of Transportation, Management and Logistics
Instructor	 <p>KUNYTSKA OLGA MUKOLAIIVNA</p> <p>Position: associated professor Teacher's profile: In process Phone.: +38(044) 406-7821 E-mail: olha.kunytyska@npp.nau.edu.ua Office: 2.126</p>
Course authenticity	Combining and constantly updating modern material on Logistics Systems Design, applying in practical training of original business cases
Course URL	In process