



<p style="text-align: center;"><b>SYLLABUS OF THE SUBJECT</b>  <b>«SUPPLY CHAIN AND LOGISTICS CENTERS MANAGEMENT»</b></p> <p>Educational and Professional Program: «Air Transportation Management»  Field of study: 27 «Transport»  Speciality: 275 «Air Transport Technologies»  Specialization: 275.04 «Air Transport Technologies»</p>	
<b>Level of higher education</b>	Second (Master)
<b>Discipline status</b>	Academic subject of the mandatory component of the study program
<b>Course</b>	1
<b>Semester</b>	1
<b>The scope of discipline, ECTS credits / hours</b>	3,5/105
<b>Language of teaching</b>	Ukrainian, English
<b>What will be studied (subject of study)</b>	This subject is the theoretical basis of the set of knowledge and skills that form the profile of a specialist in the field of transportation organization and management of transport (air).
<b>Why it is interesting / necessary to study (goal)</b>	The purpose of teaching the discipline is to ensure a sufficient level of competence of transport professionals in management, understanding the conceptual foundations of system management of aviation and tourism, acquiring skills of analysis of internal and external environment, making adequate, economically sound management decisions, forming modern management thinking.
<b>Why you can learn (learning outcomes)</b>	<ul style="list-style-type: none"> <li>- Ensure the safety of people and the environment during professional activities and projects in the field of transport systems and technologies;</li> <li>- Investigate the impact of customs procedures on the efficiency of transport technologies;</li> <li>- Develop and apply modern technologies of freight forwarding services;</li> <li>- Organize the work of staff, ensure their professional development and objective evaluation.</li> </ul>
<b>How to use the acquired knowledge and skills (competencies)</b>	<ul style="list-style-type: none"> <li>- Ability to motivate people and move towards a common goal;</li> <li>- Ability to evaluate and ensure the quality of work performed;</li> <li>- Ability to generate new ideas (creativity);</li> <li>- Ability to manage supply chains and logistics centers;</li> <li>- Ability to manage freight transport by mode of transport;</li> <li>- Ability to manage passenger traffic by mode of transport;</li> <li>- Ability to manage the reliability and efficiency of transport systems and technologies;</li> <li>- Ability to conduct an examination of accidents by mode of transport.</li> </ul>
<b>Educational logistics</b>	<p><b>Subject program:</b> Module № 1 "Supply chain as a logistical form of organization of the management process"</p> <p>Topic 1. Theoretical and methodological foundations of supply chain management.</p> <p>Topic 2. Design of supply chains.</p> <p>Topic 3. Management decisions in supply chains.</p> <p>Topic 4 Decision making in supply chain management in conditions of uncertainty.</p> <p>Topic 5. Risk management and business processes in supply chains.</p> <p>Topic 6. Development and implementation of logistics strategies in supply chains.</p>

	<p>Topic 7. Integration and cooperation in supply chains and information technologies of supply chain management.</p> <p>Topic 8. Economic aspects of supply chain management. Global supply chain management.</p> <p><u>Kinds of sessions</u>: lectures, laboratory classes</p> <p><u>Teaching methods</u>: explanatory-illustrative method; problem statement method; reproductive method; research method</p> <p><u>Modes of study</u>: full-time</p>
<b>Prerequisites</b>	The subject is based on knowledge of such disciplines as: "Management in integrated transport systems"
<b>Details</b>	The subject is the basis for the study of such subjects as: "Mathematical methods of modeling and optimization of transport systems and processes", "Course work" Mathematical methods of modeling and optimization of transport systems and processes "", "Course project" Project management in transport "
<b>Information support from the repository and fund of NTB NAU</b>	<p>1. ДСТУ ISO 28000:2008 «Системи управління безпекою ланцюга постачання. Вимоги» - К.: Держспоживстандарт України, 2015. - 14 с</p> <p>2. ДСТУ ISO 31000:2018 «Менеджмент ризиків. Принципи та настанови» - К.: Держспоживстандарт України, 2018. - 16 с.</p> <p>3. ДСТУ ISO 28001:2017 «Системи управління безпекою для ланцюга постачань. Настанова щодо впровадження ISO 28000» - К.: Держспоживстандарт України, 2017. - 18 с.</p> <p>4. ДСТУ ISO 28004:2017 «Системи управління безпекою ланцюга постачання. Найкраща практика запровадження безпеки ланцюга постачання, оцінка та плани. Вимоги та настанови» - К.: Держспоживстандарт України, 2017. - 29 с.</p> <p>5. Крикавський Є. Логістика та управління ланцюгами поставок: Навч. посібник / С.Крикавський, О.Похильченко, М. Фертч. — Львів: Видавництво Львівської політехніки, 2017. -844 с.</p> <p>6. Ільченко Н. Б. Логістичні стратегії в торгівлі: монографія / Н.Б. Ільченко. - Київ : КНТЕУ, 2016. - 431 с.</p> <p>7. Колодізева Т.О. Управління ланцюгами поставок : навчальний посібник / Т. О. Колодізева. — Харків : ХНЕУ ім. С. Кузнеця, 2016. — 164 с.</p> <p>8. Економіка логістики. За заг. ред. Є. В. Крикавського, О. А. Похильченко, Навчальний посібник / Є. В. Крикавський, О. А. Похильченко, Н. В. Чернописька, О. С. Костюк, Н. Б. Савіна, С. М. Нікшич, Л. Я. Якимишин. Львів : Видавництво Львівської політехніки, 2014. - 640 с.</p> <p>9. Paul A. Myerson. Supply Chain and Logistics Management Made Easy: Methods and Applications for Planning, Operations, Integration, Control and Improvement, and Network Design. Pearson FT Press; 1 edition (April 6, 2015), 353 pages.</p> <p><b>Internet information resources:</b></p> <p>1. Асоціація Укрзовніштранс./ <a href="http://atfl.org.ua/">http://atfl.org.ua/</a></p> <p>2. Європейська логістична асоціація./ <a href="http://www.elalog.org">http://www.elalog.org</a></p> <p>3. Український логістичний альянс./ <a href="http://www.ulaonline.org">http://www.ulaonline.org</a></p> <p>4. Журнал «Дистрибуція и логистика». / <a href="http://www.ukrlogistica.com.ua">http://www.ukrlogistica.com.ua</a></p> <p>5. Логістичні послуги. / <a href="http://www.eurolog.com">http://www.eurolog.com</a></p> <p>6. Логістична асоціація. / <a href="http://www.clml.org">http://www.clml.org</a></p>
<b>Location and logistics</b>	Classroom of theoretical training, 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 methods</b>	Graded Test, Computing and Schematic Paper, Testing
<b>Department</b>	Air Transportation Management Department
<b>Faculty</b>	Faculty of Transport, Management and Logistics

<b>Teacher</b>		<b>KATERNA OLGA KOSTYANTYNIVNA</b> <b>Position:</b> Associate Professor <b>Scientific degree:</b> PhD in Economics <b>Academic title:</b> Associate Professor <b>Teacher profile:</b> <a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=ru&amp;user=KG9yZUQAAAAJ">https://scholar.google.com/citations?view_op=list_works&amp;hl=ru&amp;user=KG9yZUQAAAAJ</a> <b>Tel.:</b> 044 406 -72-85 <b>E-mail:</b> <a href="mailto:olga.katerna@npp.nau.edu.ua">olga.katerna@npp.nau.edu.ua</a> <b>Location:</b> 2.105
<b>Originality of academic discipline</b>	Author's course, teaching in Ukrainian and English	
<b>Link to the discipline</b>	<a href="https://er.nau.edu.ua/handle/NAU/34200">https://er.nau.edu.ua/handle/NAU/34200</a>	