



SYLLABUS OF THE SUBJECT

«Introduction into Major»

Educational Professional Program: «Air Transportation Management»

Field of study: 27 «Transport»

Speciality: 275 «Air Transport Technologies»

Specialization: 275.04 «Air Transport Technologies»

Higher Education Degree	First (Bachelor)
Subject status	Academic subject of professionally-oriented subjects cycle
Course of study	1
Semester	1
Subject volume, ECTS credits / total amount of hours	3,5/105
Language	Ukrainian, English
To be studied (study subject)	Structure of the National Aviation University (NAU), faculties, departments; rights and responsibilities of the student, features of the organization of educational process in high school; structure of industry standards of higher education in the specialty; the content of the curriculum and qualification requirements for specialists in the organization of air transportation; areas of future professional activity and employment prospects; the role of units and services for the organization of air transportation at airlines.
Why is it interesting and must be learned? (purpose)	Acceleration of students' adaptation to the conditions of university life, acquainting them with the organization of the educational process and methods of study at the university, specialty profile, prospects for future professional activity.
What is studied? (learning results)	<ul style="list-style-type: none"> - Take responsibility, show public consciousness, social activity and participation in the life of civil society, think analytically, critically understand the world; - Critically evaluate the scientific values and achievements of society in the development of transport technologies; - Give answers, explain, understand explanations, discuss, report in the state language at a level sufficient for professional activity; - Investigate transport processes, experiment, analyze and evaluate the parameters of transport systems and technologies; - Formulate, modify, develop new ideas for improving transport technologies; - Develop, plan, implement methods of organizing safe activities in the field of transport systems and technologies; - Develop and use transport technologies taking into account the requirements for environmental protection; - Classify and identify transport processes and systems. Evaluate the parameters of transport systems. Perform system analysis; - Investigate the types and types of transport systems. Find solutions for optimizing the parameters of transport systems. Assess the efficiency of infrastructure and technology of transport systems.
How is it possible to use the gained knowledge and	- Ability to exercise their rights and responsibilities as a member of society, to realize the values of civil (free democratic) society and the need for its sustainable development, the rule of law, human and civil rights and freedoms in Ukraine;

skills? (competencies)	<ul style="list-style-type: none"> - Ability to preserve and increase moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the development of society, technology and technology, use different types and forms of physical activity for active recreation and healthy living; - Ability to develop and manage projects; - Ability to analyze and predict the parameters and performance indicators of transport systems and technologies, taking into account the impact of the external environment; - Ability to organize and manage the transportation of goods (by mode of transport). Ability to apply modeling and optimization methods for effective management of complex technological and organizational and technical transport complexes; - Ability to organize and manage the transportation of passengers and luggage (by mode of transport); - Ability to quickly control the flow of traffic; - Ability on the basis of certain requirements to synthesize the data structure required for the construction of information systems. Design the composition of interfaces for application programming (API) and for organizing the construction of the user interface when working with the database.
Academic logistics	<p>Subject program: Module №1 «Introduction into Major» Topic 1. The Importance of Air Transport in the World Economy. Topic 2. The Structure of the Higher Educational Institution, the Structure of the Faculty. Topic 3. Organization of Educational and Individual work of Students. Topic 4. Organization of the Educational Process at the University. Topic 5. The Concept of Bachelors Education Standards. Topic 6. The role of Transport in the Development of Society and Sectors of the Economy. Topic 7. The Concept of Transport System and Air Transport System. Topic 8. The Main Activities of Aviation Organizations, Their Role in the Organization of Air Transportation.</p> <p><u>Kinds of sessions:</u> lectures, laboratory classes <u>Teaching methods:</u> explanatory-illustrative method; problem statement method; reproductive method; research method <u>Modes of study:</u> full-time</p>
Prerequisites	The subject is based on following subjects «General Course of Transport»
Post-requisites	The subject is base for studying the following subjects: «Transport Geography», «Information Systems and Technologies on Transport».
Information support from the fund and repository of NAU library	<p>Basic concept of guidance :</p> <ol style="list-style-type: none"> 1. Закон України «Про вищу освіту» чинна редакція. 2. Закон України «Про наукову і науково-технічну діяльність» № 848-VIII від 26.11.2015 // «Голос України», 15.06.2016, № 6 (6260). 3. Дудник І.М. Транспортна географія. Підручник. – К.: НАУ, 2016.- 288 с. 4. Загальний курс транспорту: навч. посібник / О. О. Соловйова, І. І. Висоцька, І. М. Герасименко. – К.: НАУ, 2019. – 244 с.
Location and logistics	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)
Semester control, examination techniques	Graded Test, Homework, Testing

Department	Air Transportation Management Department	
Faculty	Faculty of Transport, Management and Logistics	
Lecturer(s)		AKMALDINOVA VICTORIA YEVHENIVNA Position: Senior Lecturer Scientific Degree: - Academic Status: - Teacher profile: https://scholar.google.com/citations?user=3zAFsjwAAAJ&hl=uk Тел.: 044 406-70-94 E-mail: viktorii.a.maldinova@npp.nau.edu.ua Location: 2.102
Originality of the subject	Author's course, teaching in English	
Link to the subject	https://er.nau.edu.ua/handle/NAU/34200	