

BASIC INFORMATION:

Organisational Unit	FACULTY OF TRANSPORT AND TRAFFIC ENGINEERING	
Chair	Department of Organization and Economics of Traffic	
Course/modul		
Code	2.03.10.03.019.	Logistics and Shipping
ETCS credits	4	

COURSE TYPE:

Functional Area	Special
Level of Abstraction	Middle
Course Type - Obligation	Mandatory

COURSE REGISTRATION:

Scientific Field	2.	Engineering and technology
Scientific Area	2.11.	Other engineering and technology
Narrow Scientific Field	2.11.06.	Traffic

COURSE DESCRIPTION:

Educational goals	The aim of the course is to create a theoretical and practical basis for management logistics processes and activities within the company, familiarization forwarding technologies and access to logistics activities. I succeed by completing the course and mastering the material, i.e., adoption knowledge module, the student will be able to analyze concepts, types and characteristics of forwarding and its management processes.
Competences/ educational outcomes:	After completing the course, the student will be able to: recognize and define a role and place of logistics in the company; defines the structure of the logistics system and logistics processes in the company according to the requirements of material goods; identifies, describes and quantifies logistics processes; estimate the basic performance of logistics processes and systems; critically analyzes different alternative solutions for the implementation of logistics processes; approach correctly organizing, managing and controlling the flow of material goods i associated information.

Course content	Goals and tasks of company logistics. Company logistics system. Logistics strategy and company concept. Transport logistics. Warehouse and commissioning logistics. Logistics of procurement. Production logistics. Distribution logistics. Logistics of removing the rest of the production process. Significance and structure of the shipping. Algorithm of work of shipping - freight forwarder. Components of the formation of transport chains and the role of forwarders in to the process of rationalization. Cooperation as a component of shaping transport chains. "Make or buy" decisions. Basic principles in shaping cooperation in implementation transport chains. Modern shipping - performance. Associations, alliances and associations for the improvement and development of the forwarder industry activities. Internal organization of forwarding business. Technology of realization of shipping operations during import, export, transit of goods. Documents in transport and shipping. Insurance in transport. Division and types of insurance.
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COURSE METRICS:

ETCS	Teaching activities (hours)					Individual work		TOTAL Hours of work	
	Contact lessons		Exercises and trainings	Seminar and stud. papers	Pedagogical workshops	Profess. practice	Individual. and group learning		Source research
	R	E							
4	16	8	24			18	50	4	120

ACCESS CONDITION

None

COURSE METHODOLOGY

Lectures, project and case study tools are an integral part of course teaching. Students present project and case study tasks.

TEACHING LANGUAGES

English

STUDENT WORK EVALUATION

No.	Type of Evaluation	Partial/ Final	Elective/ Mandatory	Percentage of participation
01	Case studies	pre-exam obligation	Mandatory	25 %
02	Seminary work	pre-exam obligation	Mandatory	25 %
03	Oral defense	final	Mandatory	50 %

LITERATURE

No.	Author	Publication Title	Publisher	Edition Year
1.		LOGISTICS & BUSINESS	Logistics Business Publishing Ltd.	2017