

BASIC INFORMATION:

Organisational Unit	FACULTY OF TRANSPORT AND TRAFFIC ENGINEERING	
Chair	Other Engineering and Technologies (Traffic Engineering)	
Course/modul		
Code	2.03.10.03.017.	Integral transport
ETCS credits	4	

COURSE TYPE:

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

COURSE REGISTRATION:

Scientific Field	2.	Technical Sciences
Scientific Area	2.12.	Traffic
Narrow Scientific Field		

COURSE DESCRIPTION:

Educational goals	Acquiring knowledge in the transport of goods, the characteristics of transport and the quality of transport service in integral transport systems.
Competences/ educational outcomes:	The ability of future engineers will be defined by the method and method of transporting goods reduction of transportation costs, and define the tracking of goods and documentation with the test from the point of its loading to the point of unloading.
Course content	Introduction. Integrated systems of goods transport. The transport process and its characteristics. Differences between classic and modern transport technology. Grouping system of transport and handling units. The concept of palletization, use and types of pallets. Concept, phases and importance of containerization. Characteristics of container types. Stable and mobile transshipment resources. Interchangeable transport ships. Organization of the HuckePack transport system. Transport technologies, types, advantages and disadvantages. Specifics of forwarding in integral transport. Tariffs in integrated transport. Informatics in integral transport. Logistics in integral transport. Transport and economic effects of containerization. Concept and types of conveyors. International transport, customs affairs and insurance affairs.

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		18			70	9	120

ACCESS CONDITION

None

COURSE METHODOLOGY

Lectures, auditory exercises and consultations.

TEACHING LANGUAGES

English

STUDENT WORK EVALUATION

No.	Type of Evaluation	Partial/ Final	Elective/ Mandatory	Percentage of participation
01	Participation in Lecture Interactions and Exercise Activity	pre-exam obligation	Mandatory	35 %
02	Seminary work	pre-exam obligation	Mandatory	10%
03	Exam activities – final test	final	Mandatory	55 %

LITERATURE

No.	Author	Publication Title	Publisher	Edition Year
1.	B.S.Dhillon	Human Reliability and Error in Transportation Systems	England	2007
2.		EU transport in figures	The European Commission	2011
3.				