

**BASIC INFORMATION:**

Organisational Unit	FACULTY OF TRANSPORT AND TRAFFIC ENGINEERING	
Chair	Chair for transport systems and logistics	
Course/modul		
Code	2.12.07.001	<b>Transport of dangerous goods</b>
ETCS credits	6	

**COURSE TYPE:**

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

**COURSE REGISTRATION:**

Scientific Field	2.	Technical Sciences
Scientific Area	2.12.	Traffic Engineering
Narrow Scientific Field	2.12.07.	Intelligent Transportations Systems & Logistics

**COURSE DESCRIPTION:**

Educational goals	Mastering theoretical and practical knowledge in the field of organization of the process of transporting dangerous goods in road and rail traffic and their application in the process of transporting dangerous goods.
Competences/ educational outcomes:	By successfully acquiring knowledge and skills, the student will be able to: learn the legal regulations related to the transport of dangerous goods in road and rail traffic; get to know the characteristics of dangerous goods and their classification; reviews all requirements for packaging and requirements for packaging dangerous goods; understands the complexity of the dangerous goods transportation process.
Course content	Legislation related to the transport of dangerous goods. Characteristics of dangerous goods and their classification. Packaging and requirements for the packaging of dangerous goods. Requirements for vehicles and railway rolling stock for the transport of dangerous goods. Loading, unloading and transportation of dangerous goods. Documents for transportation of dangerous goods. Safety in the transport of dangerous goods. Inspection of dangerous goods. Risks and risk management during the transportation of dangerous goods in road and rail traffic.

**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							
6	20	10	30		24		86	4	150

**ACCESS CONDITION**

Traffic Safety ; Completed seminar work.

**COURSE METHODOLOGY**

Lectures, auditory exercises, seminar work 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		Mandatory	20 %
03	Seminary work		Mandatory	20 %
04	Exam activities – final test		Mandatory	60 %

**LITERATURE**

No.	Author	Publication Title	Publisher	Edition Year
1.	J. Martin	ADR for beginners: The transport of dangerous goods by road		2019
2.	IATA	Dangerous Goods Regulations		2023