BASIC INFORMATION:

Organisational Unit	FACULTY OF TRANSPORT AND TRAFFIC ENGINEERING	
Chair	Department of Transport Systems and Logistics	
Course/modul		
Code	2.03.10.03.021.	**Traffic terminals**
ETCS credits	5	

COURSE TYPE:

Functional Area	Professional core
Level of Abstraction	Professional-applicative
Course Type - Obligation	Advanced

COURSE REGISTRATION:

Scientific Field	2.	Engineering and technology
Scientific Area	2.11.	Other engineering and technology
Narrow Scientific Field	2.11.06.	Traffic
Scientific subfield	2.11.06.03.	Intelligent traffic systems and logistics

COURSE DESCRIPTION:

Educational goals	Acquisition of theoretical and practical knowledge about traffic terminals (bus stations, cargo stations, service and repair stations, stations for storage supply of fuel). Acquiring knowledge about planning rules and design principles contents of traffic terminals.
Competences/ educational outcomes:	Acquired knowledge and skills within this subject enable: technical-technological understanding of the organization of traffic terminals, planning the size and capacity of the terminal depending on the actual traffic or transport needs, making conceptual solutions in the technological process of designing the terminal, and the terminal for rational spatial and urban networks.
Course content	Importance and role of traffic terminals. Service and repair stations, basic characteristics and principles of deployment. Types and features Auto base. Criteria for the placement of Auto Base facilities, planning and calculation i conceptual design. Bus stations, capacity analysis and calculation, planning and technological design of the bus station. Work organization and technological function of the bus station. Stations for fuel supply. Freight stations.

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	
5	45				30	67	8	150

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 Activity	pre-exam obligation	Mandatory	20 %
02	Seminary work	pre-exam obligation	Mandatory	30 %
03	Exam activities – final test	final	Mandatory	50 %

LITERATURE

No.	Author	Publication Title	Publisher	Edition Year
1.	R.P. Roess	Traffic Engineering	Pearson	2003
2.				