Card of Course

Description of course		
Code of course	TR.SPoATE	
Name of course	Selected problems of Air Traffic Engineering	
Version of course	2024/2025	
A. Place of the course in system of studies	V37V13-36 G 37:242-43 C	
Level of education	Intermediate	
Form and mode of studies	Project (with calculations)	
Field of studies	Transport	
Profile of studies	General academic profile	
Specialisation	Main field	
Place of teaching of course	Faculty of Transport	
Place of realization of course	Department of Air Transport Engineering	
Coordinator of course	Professor Anna Stelmach, Ph.D., D. Sc.	
B. General characteristic of the course		
Block of courses	Main field	
Group of courses	General	
Level of course	Intermediate #50 MATERIAL INTERMEDIA 3	
Status of course	Faculty with limited choice	
Language of course	English	
Nominal semester		
Academic year	2024/2025	
Preliminary requirements	-	
Limit of students	PROVE DIGITAL DE INTERNAL LE ANGEL	
C. Effects of education and manner of teaching		
Effects of education	air traffic control: measurements of traffic parameter, measurements of air traffic control parameters, sector capacity, control of the aircraft streams flow. See Table 1.	
	See Table 1.	
Form of didactic studies and number of hours	Strengthon sit he super/box	
Lecture	PRODUCTOR	
Exercise type of course	29 W 1 W 20 W 2007	
Laboratory	TE TO THE PROPERTY OF THE PROP	
Project type of course Contents of education	 Analysis of air traffic on a daily basis, weekly and monthly basis. 	
Strucker of seconds True 2003 12A, 2003	Determination of the load characteristics of air traffic control services.	
Version of the state of the sta	Analysis of air traffic IFR / VFR on a weekly basis, in accordance to air carriers.	
STE ATT STE ATT VO BISE VIDENCE VANDO STEEL VIDENCE VI	 Analysis of the use of controlled domestic airports by air carriers on a weekly basis. 	
Methods of evaluation	Evaluation of done project exercises.	
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n pet at cas	eo fatoció	
Methods of verification of effects of education	See Table 1.	
Exam	No control of the second of th	
Literature	[1] Airport Planning Manual (ICAO Doc 9184).	

31A692.8	 [2] Aerodrome Design Manual (ICAO Doc 9157). [3] Airport Services Manual (ICAO Doc 9137). [4] Air Transport System, Mike Hirst, 2008. [5] Safety and Reliability of Complex Engineered Systems, 2015. [6] Journal of Air Traffic Management, 2018.
Website of the course	- course to refer to
D. Student's activity	The second secon
Number of credits ECTS	3 and country and the second country and the
Number of hours of student's job for achievement of education's effect (description):	35 hours – own work / studying of the literature, making project exercises; performance presentation or prepare the documentation project (calculations and drawings form) 15 h; 10 horus – consultation, defence and evaluation of project exercises.
Number of credits ECTS on the course with direct participation of academic teacher	1 Remain to make them to safe? Secretarial or course the course of the course of the course.
Number of credits ECTS on practical activities on the course	2 Pagrupa to Apolisi
E. Additional information	extugate taval
Notes Programme and Programme	eateur to ega of a color
Date of last edition	September 21st, 2024

Table 1. General academic profile

Course's effects		Field effects	Area effect
	Knowledge	ser two noites	ites to starting ."
Effect:	Theoretical knowledge on air traffic engineering.		T1 A 14/02
Code of effect:	W_01	Tr1A_W08	T1A_W03
Verification:	Verification of the adequacy of completed project exercises.		
Effect:	Knowledge on modelling parameters of the air traffic processes.	Tr1A_W09	T1A_W07
	Knowledge on the requirements for the air traffic processes.		T1A_W04
Code of effect:	W_02	083 	
Verification:	Verification of the adequacy of completed project exercises.	변함 변함 *********************************	
	Skills	(ACID)	LATE TO AT SUITE
Effect:	Determination of the load characteristics of air traffic control services using the number of aircraft	Tr1A_U03	T1A_U02
	operations per day of the week.	Tr1A_U20	T1A_U14
	Analysis of air traffic IFR / VFR on a weekly basis by carriers. Analysis of the use of domestic airports controlled by	Tr1A_U23	T1A_U16
		used to about 9 ki	
Code of effect:	U_01		
Verification:	Assessment of the correct execution and results of completed project exercises, including calculations and analyses.		
	Social competences		
Effect:	Is able to participate in the project team.	Tr1A_K03	
Code of effect:	K_01		

Verification:	Implementation of the project, individual and group	
	consultation of the project, oral defense of the	
**************************************	concepts used in the project.	

Approved by		
	Aune	Stelle