



CURRICULUM

2nd Year		2020-2021																										
No.	Name of the discipline	Disc. Code	Category discipline	1st Semester						2nd Semester																		
				Assisted Activities *					ACT. unassisted (AND)**	Eval.	K	Assisted Activities *					ACT. unassisted (AND)**	Eval.	K									
				C	S	L	P	PA				C	S	L	P	PA												
DI	1 Cybersecurity for Automotive Systems ✓	AECS.IA.201	DA	2		1				78	E	5																
	2 Functional Safety Reliability of Embedded Systems	AECS.IA.202	DS	1		1				68	E	4																
	3 Automotive Electromagnetic Compatibility	AECS.IA.203	DA	2		1				54	E	4																
	4 Machine Learning for Automotive Systems	AECS.IA.204	DA	2		1				54	E	4																
	5 Professional Training 3	AECS.PA.205	DS						12	0	C	7																
	6 Professional Training 4	AECS.IA.206	DA															12	72	C	10							
	7 Dissertation work	AECS.PA.207	DA															14	284	VP	20							
DO	8 High Level Embedded Programming for Automotive Systems	AECS.IA.208	DS	1		1	1			102	E	6																
	Computer Programming and Programming Languages	AECS.IA.209	DS																									
Total hours per week, total assessments per semester and total credits per semester for mandatory discipline (MD) and elective discipline (ED)				8	0	5	1	12		356	4E 1C VP	30	0	0	0	0	26		356	E 1C 1 VP	30							
				14					12				0		26		356											
				26										26														

* Assisted activities are fully assisted (C, S, L, P) and partially assisted (PA) activities and take place for 14 weeks.
 ** Unassisted activities (SI - individual study) are calculated as the total number of hours per year, depending on the number of credit points (24 hours per credit point); exams and arrears are included.
 *** For four-semester master programs.

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 Șef lucr.ing. Tigăeru Liviu

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