

TECHNICAL UNIVERSITY "GHEORGHE ASACHI" OF IAȘI
 FACULTY OF ELECTRONICS, TELECOMMUNICATIONS AND INFORMATION TECHNOLOGY
 Profile: Electronic Engineering, Telecommunications and Information Technologies
 Specialization: Automotive Electronic Control Systems
 Type of program: Professional Master
 Academic degree: M.Sc.
 Duration of study: 2 years
 Degree Program: full time
 Language: English

Aproved In Senat meeting from
 Senat President,
 prof.dr.ing. Iulian Aurelian Ciocoiu

CURRICULUM

1st Year

2020-2021

No.	Name of the discipline	Disc. Code	Category discipline	1st Semester						2nd Semester															
				Assisted Activities *					Act. unassis ted. (AND)**	Eval.	K	Assisted Activities *					Act. unassis ted. (AND)**	Eval.	K						
				No. hrs. / week /								C	S	L	P	PA				C	S	L	P	PA	
DI	1	Vehicle Electronic Systems	AECS.IA.101	DS	2		1				78	E	5												
	2	Embedded Signaling, Communication and Networking	AECS.IA.102	DA	2		1				54	E	4												
	3	Embedded System Engineering and Testing	AECS.IA.103	DA											1		1		1			54	E	4	
	4	Electronics for Automotive Systems	AECS.IA.104	DS				3			54	E	4												
	5	Professional Training 1	AECS.PA.105	DS						12	0	C	7												
	6	Vehicle Control Systems	AECS.IA.105	DS											1		1					68	E	4	
	7	Embedded System Design and Modeling	AECS.IA.106	DA	1		1	1			54	E	4												
	8	Programming Embedded Systems 2	AECS.IA.107	DA											1		1		1			54	E	4	
	9	Hardware Development of Automotive Electronic Systems	AECS.IA.108	Ds											1		1		1			54	E	4	
	10	Automotive Power Electronics	AECS.IA.109	DS											2		1					78	E	5	
	11	Ethics and academic integrity	AECS.IA.110	DC											1		1					44	C	3	
12	Professional Training2	AECS.PA.111	DS																10		4	C	6		
DO	12	Programming Embedded Systems	AECS.IA.112	DS	1		1				116	E	6												
		Computer Aided Graphics	AECS.IA.112	DS																					
DL	13	Social Competence & Interpersonal Skills in organizational environment *	AECS.IA.113	DL	2	1					78	C	5												
		Project Management for Automotive Systems *																							
Total hours per week, total assessments per semester and total credits per semester for mandatory discipline (MD) and elective discipline (ED)					6	0	7	1	12		356	5E	30	7	1	5	3	10		356	5E	30	2C	VP	
					14					12				16					10						
					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.

RECTOR,
 Prof.dr.ing. Cașcaval Dan

DEAN,
 Prof.dr.ing. Tărniceriu Daniela

MASTER DOMAIN COORDINATOR,
 Șef lucr.ing. Țigăeru Liviu

HEAD OF DEPARTMENT,
 Conf.dr.ing. Aghion Cristian