

SUMMARISING TABLE OF THE CURRICULLA Valid for 2017-2021

1. STRUCTURE OF THE ACADEMIC YEAR (number of weeks)

Year	Didactic Activities		Exams			Training	Holidays		
	1 st Sem.	2 nd Sem.	Winter	Summer	Autumn		Winter	Spring	Summer + Autumn
I	14	14	3	3	2	-	2	1	13
II	14	14	3	3	2	3	2	1	10
III	14	14	3	3	2	3	2	1	10
IV	14	14	3	3	-	3	2	1	-

2. NUMBER OF HOURS AND NUMBER OF CREDITS FOR MANDATORY (MD) AND ELECTIVE (ED) DISCIPLINES

2.1 Number of didactic hours per week and number of credits per semester

Year	No. Of Hours per week		No. of Credits per semester	
	1 st Sem	2 nd Sem	1 st Sem	2 nd Sem
I	27	27	30	30
II	26	27	28	32
III	27	26	30	30
IV	29	23	30	30

2.2. Distribution of hours and credits as function of the elective characteristic of disciplines

Elective Category of Disciplines	No of hours	% from no. of hours	Number of credit	% from no. of credits
MD, IA – mandatory disciplines	2886	90.36	212	88.33
ED - elective disciplines	308	9.64	28	11.67
Total no. of hours/credits	3194	100	240	100

2.3. Distribution of hours and credits as function of the formative characteristic of disciplines.

Formative Category of Disciplines	No of hours	% from no. of hours	Number of credit	% from no. of credits
FD – fundamental disciplines	560	17.53	45	18.75
DID- disciplines from the domain	1500	46.96	106	44.17
DIS - disciplines from specialty	896	28.05	71	29.58
CD – complementary disciplines	238	7.46	18	7.5
Total no. of hours/credits	3194	100	240	100

2. 4. Distribution of hours as function of types of didactic activities

Total hours	No. of hours per activities					% from total no. of hours				
	C	S	L	P	Training	C	S	L	P	Training
3194	1597	321	910	126	240	50.00	10.05	28.49	3.94	7.52

CONDITIONS FOR GRADUATION

- obtaining 240 credits from mandatory and elective disciplines;
- obtaining credits for technological training (3 credits, for years II, III);
- obtaining a medium level certificate for foreign language;
- obtaining two annual *accepted* qualifiers at Sports;
- obtaining all credits for the defense of the Bachelor Diploma Project.

Dean,
Prof.PhD.Daniela Tărniceriu

Head of Department,
Assoc. Prof. PhD. Luminița Scripcariu

CURRICULUM

1st Year 2017 - 2018

No.	Name of the discipline	Disc. Code ETTI__	Condi- tionali- ties	1st Semester					2nd Semester										
				No. hrs/week./discipline					Fin Eval	K	No. hrs/week./discipline					Fin Eval	K		
				C	S	L	P	SI			C	S	L	P	SI				
MD	101	Mathematical Analysis 1	EDIF101		2	2	-	-	74	E	5								
	102	Linear Algebra	EDIF102		2	3	-	-	60	E	5								
	103	Fundamentals of Electrical Engineering 1	EDID131		1	1	1		36	VP	3								
	104	Physics	EDIF132		3	1	2	-	72	E	6								
	105	Computer Programming and Programming Languages 1	EDIF104		2	-	2	-	74	E	5								
	106	Foreign Language 1	EDIC107		-	1	-	-	38	C	2								
	107	Sports 1	EDIC108		-	-	1	-	12	A/R	1								
	108	Special Mathematics 1	EDIF133										3	3	-	-	98	E	7
	109	Fundamentals of Electrical Engineering 2	EDID134										3	1	-	-	48	E	4
	110	Computer Programming and Programming Languages 2	EDIF113										2	-	2	-	48	C	4
	111	Computer-Aided Graphics	EDIF105										1	-	2	-	36	E	3
	112	Electronic Materials, Passive Devices and Circuits	EDID106										2	-	2	-	74	E	5
	113	Foreign Language 2	EDIC114										1	1	-	-	24	C	2
	114	Sports 2	EDIC115										-	-	1	-	12	A/R	1
ED	115	1. Applied Informatics 1	EDOF135		2	-	1	-	36	VP	3								
		2. Numerical methods	EDOF136																
	116	1. Applied Informatics 2	EDOF137										1	-	-	2	62	VP	4
		2. Physics 2	EDOF138																
FD	117	Introduction to Analog Circuits	EDLS120									1	-	2	-	36	C	3	
	118	Applied Mathematical Complements	EDLF121									2	2	-	-	48	C	4	
	119	Romanian Language 1	EDLC117		-	2	-	-	22	C	2								
	120	Romanian Language 2	EDLC118										-	2	-	-	22	C	2
Total hours per week, total assessments per semester and total credits per semester for mandatory discipline (MD) and elective discipline (ED)				12	8	7	-	402	4E 1C 2VP 1A/R	30	13	5	7	2	402	4E 2C 1VP 1A/R	30		

MD – mandatory discipline; **ED** –elective discipline; **FD** –facultative discipline ; **IA** – independent activities; **C** – complementary; **D**- from the domain, **F** – fundamental, **S** – specialization; **V**- verification; **K**- credits; **E**- Exam; **C**- colloquium; **A/R** – accept/reject, **I** - individual work

x = credits and verifications not included in the total.

Discipline code: ETTI + E + 3 letters + 3 figures + α, where α = missing / letter = common for the faculty/section (E – English).

RECTOR
 Prof.PhD. Dan Cașcaval

DEAN
 Prof.PhD.Daniela Tărniceriu

HEAD OF DEPARTMENT
 Assoc. Prof. PhD. Luminița Scripcariu

CURRICULUM

2nd Year 2018- 2019

No.	Name of the discipline	Disc. Code ETTI__	Condi- tionali- ties	1st Semester						2nd Semester									
				No. hrs/week./discipline					Fin Eval	K	No. hrs/week./discipline					Fin Eval	K		
				C	S	L	P	SI			C	S	L	P	SI				
MD	201	Electronic Devices	EDID201		4	1	2	-	84	E	7								
	202	Signals, Circuits and Systems 1	EDID202		4	-	3	-	84	E	7								
	203	Computer-Aided Analysis of Electronic Circuits	EDIS203		2	-	2	-	74	E	5								
	204	Special Mathematics 2	EDIF231		3	2	-	-	86	E	6								
	205	Foreign Language 3	EDIC206		-	2	-	-	24	C	2								
	206	Sports 3	EDIC207		-	-	1	-	12	A/R	1								
	207	Electrical and Electronic Measurements	EDID205										2	-	1	-	62	C	4
	208	Information Theory	EDID208										3	-	2	-	60	E	5
	209	Fundamental Electronic Circuits	EDID209										3	-	2	1	72	E	6
	210	Signals, Circuits and Systems 2	EDID210										3	-	3	-	98	E	7
	211	Digital Integrated Circuits	EDID211										3	-	2	1	72	E	6
	212	Foreign Language 4	EDIC 212										-	1	-	-	12	C	1
IA	213	Training	EDID213									3 x 30h/s=90h					A/R	3	
FD	214	WEB Technologies	EDLS214		2	-	2	-	48	E	4								
	215	Sports 4	EDLC215									-	-	2	-	24	A/R	2	
	216	Object Oriented Programming	EDA505 RC,RD										2	-	1	1	152	E	8
	217	Romanian Language 3	EDLF217										2	-	2	-	44	e	4
	218	Romanian Language 4	EDLC218										-	2	-	-	22	C	2
Total hours per week, total assessments per semester and total credits per semester for mandatory discipline (MD) and elective discipline (ED)					13	5	8	0	364	4E 1C 1A/R	28	14	1	10	2	376	4E 2C 1A/R	32	

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CURRICULUM

3rd Year 2019 - 2020

	No.	Name of the discipline	Disc. Code ETTI__	Con- di- tion- ali- ties	1st Semester						2nd Semester								
					No. hrs/week./discipline					Fin Eval	K	No. hrs/week./discipline					Fin Eval	K	
					C			P	SI			C	S	L	P	SI			
ND	301	Analog Integrated Circuits	EDID301		3	-	2	1	98	E	7								
	302	Introduction to Communications	EDID302		3	-	1	-	74	C	5								
	303	Television	EDID308		3	-	1	-	74	C	4								
	304	Microcontrollers	EDIS304T		2	-	2	-	36	E	4								
	305	Digital Signal Processing	EDID305ET		3	-	2	-	86	E	6								
	306	Decision and Estimation in Data Processing	EDID306T		2	1	1	-	48	E	4								
	307	Microwaves	EDID307										3	-	2	-	60	C	5
	308	Electronic Equipments for Measuring and Control	EDIS303										3	-	1	1	60	E	5
	309	Communication Systems	EDID310T										3	-	2	-	60	E	5
	310	Computer - Aided Design of Analog and Digital Systems	EDID311T										2	-	2	1	60	E	5
	311	Power Electronics	EDID312T										2	-	1	-	36	C	3
ED	312	1. Antennas and Propagation	EDOS301T									2	-	1	-	62	E	4	
		2. Fundamentals of Radiocommunications	EDOS302T																
IA	313	Training	EDID313									3s x 30ore/s=90 ore			-	A/R	3		
FD	314	Microcontroller Applications	EDLS313		-	-	-	2	24	C	2								
	315	Sports 5	EDLC316		-	-	2	-	24	A/R	2								
	316	Sports 6	EDLC315										-	-	2	-	24	A/R	2
	317	Technological Fundamentals of Microelectronics	EDIS309M										2	-	2	-	74	E	5
	318	Analog Circuits Synthesis	EDIS310M										2	-	2	-	48	E	4
	319	Medical Electronics and Informatics	EDOS315E										3	-	2	-	60	E	5
	320	Integrated Structures for Specific Applications 1	EDLS318M										2	-	2	-	74	C	5
	321	Object Oriented Programming	EDA505 RC,RD										2	-	1	1	152	E	8
Total hours per week, total assessments per semester and total credits per semester for mandatory discipline (MD) and elective discipline (ED)					16	1	9	1	402	4E 2C 0VP 0A/ R	30	16	0	9	2	416	4E 2C 0VP 1A/ R	30	
					27			402	26			416							

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4th Year 2020 - 2021

	No.	Name of the discipline	Disc. Code ETTI__	Condi- tionali- ties	1st Semester					2nd Semester								
					No. hrs/week./discipline					Fin Eval	K	No. hrs/week./discipline					Fin Eval	K
					C	S	L	P	SI			C	S	L	P	SI		
MD	401	Economics and Marketing	EDIC304		2	-	1	-	48	C	4							
	402	Mobile Communications	EDIS402T		3	-	1	1	34	E	4							
	403	Digital Communications	EDIS404T		3	1	1	-	34	E	4							
	404	Electronic Technology	EDIS406T		2	-	1	1	48	C	4							
	405	Radiocommunications	EDIS405T		3	-	1	1	60	E	5							
	406	Computer Networks and Operating Systems	EDID403T									3	-	2	-	86	C	6
	407	Communication Skills	EDIC408									1	-	-	-	12	VP	1
	408	Management	EDIC412									2	-	1	-	36	C	3
ED	409	1. Optical Communications	EDOS409T		3	-	1	-	74	C	5							
		2. Introduction to Nanoelectronics	EDOS410T															
	410	1. High Frequency Design Techniques	EDOS411T		2	-	1	-	62	E	4							
		2. Microwave Devices and Circuits for Radiocommunications	EDOS412T															
	411	1. Noise in Integrated Structures	EDOS413T									2	-	1	1	74	C	5
		2. Electromagnetic Compatibility	EDOS414T															
	412	1. Statistical Data Processing	EDOS415T									3	-	2	-	86	E	6
		2. Advanced Signal Processing Methods	EDOS416T															
413	1. Telephone Systems	EDOS417T									3	-	2	-	86	E	6	
	2. Internet-of-Things	EDOS418T																
IA	414	Elaboration of Bachelor Diploma Project	EDIS412									3s x 30ore/s=90 ore			-	A/R	3	
	415	Defense of Bachelor Diploma Project	EDIS413									-	-	-	-	260	E	10
FD	416	Analog VLSI Design Techniques	EDIS404M		4	-	-	2	72	E	6							
	417	Digital VLSI Design Techniques	EDIS406M									3	-	-	2	60	E	5
	418	Fundamentals of Data Acquisition Systems	EDID403E									3	-	2	-	60	E	5
	419	Integrated Structures for Specific Applications 2	EDLS425		2	-	2	-	74	C	5							
	420	Functional Verification of Digital Integrated Circuits	EDIA602 TMP		2	-	2	-	74	E	5							
	421	Electroacoustics	EDIS404E									2	-	2	-	48	C	4
	422	Automotive Electronics	EDIS408E		3	-	2	-	60	E	5							
	423	Peripheral Equipments and Human-Machine Interface	EDIS410E		2	-	2	-	74	E	5							
424	Digital Audio Video Systems	EDID406E									2	-	2	-	48	VP	4	
Total hours per week, total assessments per semester and total credits per semester for mandatory discipline (MD) and elective discipline (ED)					18	1	7	3	374	4E 3C 0VP 0A/R	30	14	0	8	1	640	2E 3C 1VP 1A/R	30
					29			374				23			640			

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