

CURRICULUM **
 Year of study I

Code	Disciplines*	Type	Sem. I [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
IETI-0003	Mathematical Analysis	FD	2	2	-	-	56	Ex	4	44	
IETI-0002	Linear algebra, analytical and differential geometry	FD	2	1	-	-	42	Vp	4	58	
IETI-0013	Physics	FD	2	2	-	-	56	Ex	4	44	
IETI-0769	Applied informatics	FD	2	1	2	-	70	Ex	4	30	
IETI-0833	Internet services	SD	1	-	1	-	28	Ex	4	72	
IETI-1103	Computer programming and programming languages I	FD	2	-	2	-	56	Vp	3	19	
IETI-0832	Passive components and circuits	DD	2	1	-	-	42	Ex	4	58	
IETI-0998	English language I	CD	-	1	-	-	14	Vp	3	61	
	TOTAL		13	8	5	-	364		30	386	
IETI-0999	Physical Education and Sport I	CD	-	1	-	-	14	A/R	1	11	
	FACULTATIVE										
IETI-0024	Educational psychology	CD	2	1	-	-	42	Vp	2	8	

Code	Disciplines*	Type	Sem. II [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
	OBLIGATORII IMPUSE										
IETI-0009	Special mathematics	FD	2	2	-	-	56	Ex	4	44	
IETI-0932	Internet programming techniques	DD	2	-	1	-	42	Vp	4	58	
IETI-0831	Material for electronics	DD	2	-	1	-	42	Vp	3	33	
IETI-0834	Electronic devices	DD	2	1	1	-	56	Ex	5	69	
IETI-0835	Fundamentals of Electrical Engineering I	DD	2	1	1	-	56	Ex	4	44	
IETI-1104	Computer programming and programming languages II	FD	2	-	2	-	56	Vp	4	44	
IETI-0350	Electronic Technology	SD	2	-	1	-	42	Ex	4	58	
IETI-1002	English language II	CD	-	1	-	-	14	Vp	2	36	
	TOTAL		14	5	7	-	364		30	386	
IETI-1000	Physical Education and Sport II	CD	-	1	-	-	14	A/R	1	11	
	FACULTATIVE										
IETI-0020	Pedagogy I	CD	2	1	-	-	42	Vp	2	8	

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Head of departament ,
 Professor dr.eng. Daniel TRIP

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 Professor Dr. BUNGĂU Constantin

DEAN,
 Professor dr. GORDAN Ioan Mircea

CURRICULUM **
Year of study II

Code	Disciplines*	Type	Sem. III [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
OBLIGATORII IMPUSE											
IETI-0836	Basic electronic circuits	DD	2	-	1	-	42	Ex	4	62	
IETI-0110	Digital integrated circuits I	DD	2	-	1	-	42	Vp	3	36	
IETI-0193	Computer aided graphics	FD	2	-	2	-	56	Vp	4	48	
IETI-0382	Signals and Systems I	DD	2	-	1	-	42	Ex	4	62	
IETI-1001	Computer aided graphics - project	FD	-	-	-	2	28	Vp	2	24	
IETI-0838	Fundamentals of Electrical Engineering II	DD	2	-	1	-	42	Ex	3	36	
IETI-0933	Analog integrated circuits	DD	2	-	2	-	56	Ex	5	74	
IETI-0839	Measurements in Electronics and Telecommunications	DD	2	-	1	-	42	Ex	4	62	
IETI-1005	English language III	CD	-	1	-	-	14	Vp	1	12	
TOTAL			14	1	9	2	364		30	416	
IETI-1003	Physical Education and Sport III	CD	-	1	-	-	14	A/R	1	12	
FACULTATIVE											
IETI-0021	Pedagogy II	CD	2	1	-	-	42	Vp	2	10	
IETI-0439	Scientific research methodology	CD	2	1	-	-	42	Vp	2	10	

Code	Disciplines*	Type	Sem. IV [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
OBLIGATORII IMPUSE											
IETI-1004	SPICE models	DD	2	-	1	1	56	Ex	4	48	
IETI-0837	Object oriented programming	DD	2	-	1	-	42	Vp	3	36	
IETI-0383	Signals and Systems II	DD	2	1	1	-	56	Ex	4	48	
IETI-0210	Numerical methods	FD	2	2	1	-	70	Vp	4	34	
IETI-0111	Digital integrated circuits II	DD	2	-	1	-	42	Ex	4	62	
IETI-0854	Electronic Instrumentation for measurement	DD	2	-	1	-	42	Ex	3	36	
IETI-0395	Theory of Information transmission	DD	2	-	1	-	42	Ex	3	36	
IETI-1014	English language IV	CD	-	1	-	-	14	Vp	1	12	
IETI-1017	Domain practice	DD	-	-	-	-	90	Cv	4	14	
TOTAL			14	4	7	1	454		30	326	
IETI-1006	Physical Education and Sport IV	CD	-	1	-	-	14	A/R	1	12	
FACULTATIVE											
IETI-0563	Project management	CD	2	1	-	-	42	Vp	2	10	
IETI-0018	Didactics of the specialization	CD	2	1	-	-	42	Vp	2	10	

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Year of study III

Code	Disciplines*	Type	Sem. V [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
OBLIGATORII IMPUSE											
IETI-0823	Industrial Electronics	SD	2	-	1	-	42	Ex	3	36	
IETI-0828	Nano and micro technologies for electronics	SD	2	1	-	-	42	Ex	4	62	
IETI-1007	Basics of data acquisition systems	DD	2	-	2	-	56	Ex	4	48	
IETI-0846	Digital Signal Processing	DD	2	-	1	-	42	Ex	4	62	
IETI-0362	Telecommunications Devices	SD	2	-	1	-	42	Vp	3	36	
IETI-0325	Microprocessors and Microcontrollers	DD	2	-	2	-	56	Ex	5	74	
IETI-0666	Microprocessors and microcontrollers - project	DD	-	-	-	1	14	Vp	1	12	
TOTAL			12	1	7	1	294		24	330	
OBLIGATORII OPȚIONALE											
PACHET 1											
IETI-0377	Radiocommunications	SD	2	-	1	-	42	Vp	4	62	
IETI-0347	Electronic power supplies	SD	2	-	1	-	42	Vp	4	62	
PACHET 2											
IETI-0487	Communication	CD	2	-	-	-	28	Vp	2	24	
IETI-1010	Environment protection	CD	2	-	-	-	28	Vp	2	24	
TOTAL			4	-	1	-	70		6	86	
FACULTATIVE											
IETI-1015	English language V	CD	-	2	-	-	28	Cv	2	24	
IETI-0435	Inventions	CD	2	-	-	-	28	Cv	2	24	

Code	Disciplines*	Type	Sem. VI [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
OBLIGATORII IMPUSE											
IETI-0405	Reliability	SD	2	-	-	-	28	Vp	2	24	
IETI-0847	Television	DD	2	-	2	-	56	Ex	4	48	
IETI-0375	Image Processing and Analysis	SD	2	-	2	1	70	Ex	4	34	
IETI-0825	Microwaves	DD	2	1	2	-	70	Ex	4	34	
IETI-0848	Nano and Microtechnologies for electronics - Project	SD	-	-	-	1	14	Vp	1	12	
IETI-0504	General Economics	CD	2	-	-	-	28	Vp	2	24	
IETI-1038	Specialty practice	SD	-	-	-	-	90	Cv	4	14	
TOTAL			10	1	6	2	356		21	190	
OBLIGATORII OPȚIONALE											
PACHET 1											
IETI-1019	Audio engineering	SD	2	-	1	-	42	Ex	4	62	
IETI-0364	Information Compression and Coding	SD	2	-	1	-	42	Ex	4	62	
PACHET 2											
IETI-1020	Audio engineering - project	SD	-	-	-	1	14	Vp	1	12	
IETI-0672	Information compression and encoding	SD	-	-	-	1	14	Vp	1	12	
PACHET 3											
IETI-0100	Computer Architecture	SD	2	-	1	-	42	Ex	4	62	
IETI-0449	Computer networks	SD	2	-	1	-	42	Ex	4	62	
TOTAL			4	-	2	1	98		9	136	
FACULTATIVE											
IETI-0238	New Energy Sources	SD	2	-	1	-	42	Cv	4	62	
IETI-1016	English language VI	CD	-	2	-	-	28	Cv	2	24	

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Code	Disciplines*	Type	Sem. VII [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
OBLIGATORII IMPUSE											
IETI-0331	Digital Signal Processors	SD	2	-	1	-	42	Ex	4	62	
IETI-0388	Telecommunications software	SD	2	-	1	-	42	Ex	4	62	
IETI-0856	Telecommunications Software - Project	SD	-	-	-	1	14	Vp	1	12	
IETI-0857	Networks and services	SD	2	-	1	-	42	Ex	3	36	
IETI-0858	Networks and services - project	SD	-	-	-	1	14	Vp	1	12	
IETI-0859	Techniques and switching systems	SD	2	-	1	-	42	Ex	4	62	
IETI-0860	Techniques and switching systems - project	SD	-	-	-	1	14	Vp	1	12	
IETI-0850	Virtual instrumentation for electronic systems	SD	2	-	1	-	42	Vp	4	62	
TOTAL			10	-	5	3	252		22	320	
OBLIGATORII OPȚIONALE											
PACHET 1											
IETI-0862		SD	2	-	2	-	56	Vp	4	48	
IETI-0386	Radiocommunications Systems	SD	2	-	2	-	56	Vp	4	48	
PACHET 2											
IETI-0863	Techniques and multiplex transmission systems	SD	2	-	2	-	56	Ex	4	48	
IETI-0369	Satellite Communications	SD	2	-	2	-	56	Ex	4	48	
TOTAL			4	-	4	-	112		8	96	
FACULTATIVE											
IETI-0365	4G Communications	SD	2	-	1	-	42	Cv	3	36	

Code	Disciplines*	Type	Sem. VIII [hours / week]				Total of hours / sem.	Type of Exami- nation	Cre- dits	IS [hours / sem.]	Condi- tioning
			C	S	L	P					
OBLIGATORII IMPUSE											
IETI-0870	Mobile networks	SD	2	-	1	-	42	Ex	3	36	
IETI-0337	Neural Networks	SD	2	-	1	-	42	Vp	3	36	
IETI-0361	Communications and Internet architectures	SD	2	-	2	-	56	Ex	4	48	
IETI-0806	Practice for diploma project development	SD	-	-	-	5	70	Vp	10	190	
TOTAL			6	-	4	5	210		20	310	
OBLIGATORII OPȚIONALE											
PACHET 1											
IETI-0367	Optical Communication	SD	2	-	2	-	56	Ex	4	48	
IETI-0380	Synchronous Optical Networks	SD	2	-	2	-	56	Ex	4	48	
PACHET 2											
IETI-0864	Data Communications Security	SD	2	-	1	-	42	Vp	3	36	
IETI-0358	Encryptions Algorithms for Telecommunications Networks	SD	2	-	1	-	42	Vp	3	36	
PACHET 3											
IETI-0865	Traffic Engineering	SD	2	-	2	-	56	Ex	3	22	
IETI-0396	Telecommunication Equipments Testing	SD	2	-	2	-	56	Ex	3	22	
TOTAL			6	-	5	-	154		10	106	
FACULTATIVE											
IETI-0853	Foreign language VII	CD	-	2	-	-	28	Cv	2	24	

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