

**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					
	<b>OBLIGATORII IMPUSE</b>										
IETI-0782	Linear algebra	FD	2	2	-	-	56	Ex	4	48	
IETI-0193	Computer aided graphics	FD	-	-	2	-	28	Vp	2	24	
IETI-0783 I	Computer programming and programming languages I	FD	2	-	2	-	56	Ex	5	74	
IETI-0003	Mathematical Analysis	FD	2	2	-	-	56	Ex	4	48	
IETI-0013	Physics	FD	2	2	-	-	56	Ex	4	48	
IETI-0140	Logic design I	DD	2	1	1	-	56	Ex	5	74	
IETI-0784	Applied Informatics I	FD	2	-	2	-	56	Vp	5	74	
	<b>TOTAL</b>		<b>12</b>	<b>7</b>	<b>7</b>	<b>-</b>	<b>364</b>		<b>29</b>	<b>390</b>	
	<b>OBLIGATORII OPȚIONALE</b>										
IETI-0539	Foreign Language I	CD	-	1	-	-	14	Vp	1	12	
	<b>TOTAL</b>		<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>14</b>		<b>1</b>	<b>12</b>	
IETI-0999	Physical Education and Sport I	CD	-	1	-	-	14	A/R	1	12	

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					
	<b>OBLIGATORII IMPUSE</b>										
IETI-0009	Special mathematics	FD	2	2	-	-	56	Ex	4	48	
IETI-0785 II	Computer programming and programming languages II	FD	2	-	2	-	56	Ex	5	74	
IETI-0141	Logic design II	DD	2	-	1	1	56	Ex	5	74	
IETI-0262	Electrotechnics I	DD	2	-	1	-	42	Ex	4	62	
IETI-0948	Electronic devices and analog electronics	DD	2	-	2	-	56	Vp	4	48	
IETI-0786	Applied informatics II	FD	2	-	2	-	56	Vp	5	74	
IETI-1085	Theory of probability and mathematical statistics	FD	1	1	-	-	28	Ex	2	24	
	<b>TOTAL</b>		<b>13</b>	<b>3</b>	<b>8</b>	<b>1</b>	<b>350</b>		<b>29</b>	<b>404</b>	
	<b>OBLIGATORII OPȚIONALE</b>										
IETI-0541	Foreign Language II	CD	-	1	-	-	14	Vp	1	12	
	<b>TOTAL</b>		<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>14</b>		<b>1</b>	<b>12</b>	
IETI-1000	Physical Education and Sport II	CD	-	1	-	-	14	A/R	1	12	
	<b>FACULTATIVE</b>										
IETI-0408	Mechanical engineering	CD	2	-	1	-	42	Vp	3	36	

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**Head of department ,**  
**Associate Professor Dr. Mirela PATER**

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**DEAN,**  
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**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					
	<b>OBLIGATORII IMPUSE</b>										
IETI-0263	Electrotechnics II	DD	2	-	1	-	42	Ex	3	36	
IETI-0210	Numerical methods	FD	2	-	2	-	56	Vp	4	48	
IETI-0116	Digital Electronics I	DD	2	-	1	-	42	Ex	4	62	
IETI-0145	User Interface Design	SD	2	-	1	1	56	Ex	5	74	
IETI-1091	Java Programming	SD	2	-	2	-	56	Ex	5	74	
IETI-0156	Data Structures	DD	2	-	2	-	56	Ex	5	74	
IETI-0795	Electronic measurements, sensors and transducers	DD	2	-	1	-	42	Vp	3	36	
	<b>TOTAL</b>		<b>14</b>	<b>-</b>	<b>10</b>	<b>1</b>	<b>350</b>		<b>29</b>	<b>404</b>	
	<b>OBLIGATORII OPTIONALE</b>										
IETI-0591	Foreign Language III	CD	-	1	-	-	14	Vp	1	12	
	<b>TOTAL</b>		<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>14</b>		<b>1</b>	<b>12</b>	
IETI-1003	Physical Education and Sport III	CD	-	1	-	-	14	A/R	1	12	
	<b>FACULTATIVE</b>										
IETI-0511	Philosophy	CD	2	1	-	-	42	Vp	3	36	

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					
	<b>OBLIGATORII IMPUSE</b>										
IETI-1092	Computer structure and organization	DD	2	-	2	-	56	Ex	4	48	
IETI-0118	Digital Electronics II	DD	2	-	1	1	56	Ex	4	48	
IETI-0159	Systems Theory	DD	2	1	1	-	56	Vp	4	48	
IETI-0119	Computer Graphics Elements	DD	2	-	1	1	56	Ex	4	48	
IETI-0132	Object Oriented Programming	DD	2	-	2	-	56	Ex	5	74	
IETI-0104	Data bases	DD	2	-	2	-	56	Ex	4	48	
IETI-1037	Domain practice	DD	-	-	-	-	90	Cv	4	14	
	<b>TOTAL</b>		<b>12</b>	<b>1</b>	<b>9</b>	<b>2</b>	<b>426</b>		<b>29</b>	<b>328</b>	
	<b>OBLIGATORII OPTIONALE</b>										
IETI-0592	Foreign Language IV	CD	-	1	-	-	14	Vp	1	12	
	<b>TOTAL</b>		<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>14</b>		<b>1</b>	<b>12</b>	
IETI-1006	Physical Education and Sport IV	CD	-	1	-	-	14	A/R	1	12	

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**CURRICULUM \*\***  
**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					
<b>OBLIGATORII IMPUSE</b>											
IETI-0143	Design with Microprocessor I	DD	2	-	2	-	56	Ex	4	48	
IETI-0103	Computer Architecture II	DD	2	-	2	1	70	Ex	6	86	
IETI-0106	Data Bases II	DD	2	-	2	1	70	Ex	6	86	
IETI-0119	Computer Graphics Elements	DD	2	-	1	1	56	Ex	5	74	
IETI-0142	Computer Aided design	SD	2	-	2	-	56	Vp	4	48	
IETI-0151	Operating Systems I	DD	2	-	2	-	56	Ex	5	74	
<b>TOTAL</b>			<b>12</b>	<b>-</b>	<b>11</b>	<b>3</b>	<b>364</b>		<b>30</b>	<b>416</b>	
<b>FACULTATIVE</b>											
IETI-0573	Sociology	CD	2	-	-	-	28	Vp	2	24	
IETI-0593	Foreign Language V	CD	-	2	-	-	28	Vp	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					
<b>OBLIGATORII IMPUSE</b>											
IETI-0155	Multimedia Systems	SD	2	-	2	-	56	Ex	4	48	
IETI-0121	Software Engineering I	DD	2	-	2	-	56	Ex	4	48	
IETI-0144	Design with Microprocessor II	DD	2	-	1	1	56	Ex	4	48	
IETI-0134	Real Time Application Programming	SD	2	-	2	-	56	Ex	4	48	
IETI-0152	Operating Systems II	DD	2	-	2	1	70	Ex	4	34	
IETI-0129	Formal Languages and Translators	DD	2	-	1	-	42	Vp	3	36	
IETI-0158	Data Security Techniques	SD	2	-	1	1	56	Vp	4	48	
IETI-0038	Practice II	DD	-	-	-	-	70	Cv	3	8	
<b>TOTAL</b>			<b>14</b>	<b>-</b>	<b>11</b>	<b>3</b>	<b>462</b>		<b>30</b>	<b>318</b>	
<b>FACULTATIVE</b>											
IETI-0594	Foreign Language VI	CD	-	2	-	-	28	Vp	2	24	
IETI-0558	Quality management	CD	2	1	-	-	42	Vp	3	36	

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**CURRICULUM \*\***  
**Year of study IV**

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					
<b>OBLIGATORII IMPUSE</b>											
IETI-0126	Peripheral Interfaces and Equipments	SD	2	-	2	1	70	Ex	5	70	
IETI-0939	Testing techniques of computer systems	SD	2	-	2	-	56	Ex	4	56	
IETI-0122	Software Engineering II	DD	2	-	1	1	56	Ex	5	84	
IETI-0937	Computer systems reliability	SD	2	-	1	-	42	Ex	4	70	
IETI-0449	Computer networks	DD	2	-	2	-	56	Ex	5	84	
<b>TOTAL</b>			<b>10</b>	<b>-</b>	<b>8</b>	<b>2</b>	<b>280</b>		<b>23</b>	<b>364</b>	
<b>OBLIGATORII OPȚIONALE</b>											
PACHET 1											
IETI-0166	Expert Systems	SD	2	-	2	-	56	Vp	4	56	
IETI-0807	Rule based systems	SD	2	-	2	-	56	Vp	4	56	
PACHET 2											
IETI-0554	General management	CD	2	1	-	-	42	Vp	3	42	
IETI-0498	Business and Labour Law	CD	2	1	-	-	42	Vp	3	42	
<b>TOTAL</b>			<b>4</b>	<b>1</b>	<b>2</b>	<b>-</b>	<b>98</b>		<b>7</b>	<b>98</b>	
<b>FACULTATIVE</b>											
IETI-0555	Industrial management	CD	2	1	-	-	42	Ex	3	42	
IETI-0575	Labour Science and Human Resources I	CD	2	1	-	-	42	Vp	3	42	

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					
<b>OBLIGATORII IMPUSE</b>											
IETI-0806	Practice for diploma project development	SD	-	-	-	-	100	Cv	10	180	
IETI-0951	IT Communication techniques	SD	2	2	-	-	56	Ex	3	28	
<b>TOTAL</b>			<b>2</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>156</b>		<b>13</b>	<b>208</b>	
<b>OBLIGATORII OPȚIONALE</b>											
PACHET 1											
IETI-0922	Image processing	SD	2	-	1	1	56	Ex	5	84	
IETI-0125	Human-Computer Interaction	SD	2	-	1	1	56	Ex	5	84	
PACHET 2											
IETI-0950	Reconfigurable computing	SD	2	-	2	-	56	Vp	4	56	
IETI-0124	The Integration of Information Systems	SD	2	-	2	-	56	Vp	4	56	
PACHET 3											
IETI-0478	Web technologies	SD	2	-	2	-	56	Vp	4	56	
IETI-0162	Management of Internet Applications	SD	2	-	2	-	56	Vp	4	56	
PACHET 4											
IETI-0167	Modelling and Simulation Techniques	SD	2	-	2	-	56	Ex	4	56	
IETI-0147	Virtual Reality	SD	2	-	2	-	56	Ex	4	56	
<b>TOTAL</b>			<b>8</b>	<b>-</b>	<b>7</b>	<b>1</b>	<b>224</b>		<b>17</b>	<b>252</b>	
<b>LICENȚĂ</b>											
IETI-0901	Diploma exam	SD	-	-	-	-	0	A/R	10	280	
<b>FACULTATIVE</b>											
IETI-0565	Marketing	CD	2	1	-	-	42	Ex	2	14	
IETI-0576	Labour Science and Human Resources II	CD	2	1	-	-	42	Vp	3	42	
IETI-0514	Economical financiar management	CD	2	1	-	-	42	Ex	2	14	

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