

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											
IEMI-0147	Materials Resistance	DD	2	1	-	-	42	Ex	4	58	
IEMI-0088	Automatic Control Theory	DD	2	1	-	-	42	Ex	4	58	
IEMI-0036	Electrotechnics II	DD	2	1	1	-	56	Ex	6	94	
IEMI-0744	Thermotechnics	DD	3	1	2	-	84	Ex	7	91	
IEMI-0159	Applied informatics	FD	2	-	2	-	56	Vp	4	44	
IEMI-0008	Technical English III	CD	-	2	-	-	28	Vp	2	22	
TOTAL			11	6	5	-	308		27	367	
OBLIGATORII OPȚIONALE											
IEMI-0335	Special mathematics	FD	2	2	-	-	56	Vp	3	19	
IEMI-0756	Probability theory and mathematical statistics	FD	2	2	-	-	56	Vp	3	19	
TOTAL			2	2	-	-	56		3	19	
IEMI-0778	Physical education and sports III	CD	-	1	-	-	14	A/R	1	11	

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											
IEMI-0111	Heat and Mass Transfer	DD	2	1	1	-	56	Ex	5	69	
IEMI-0055	Electric Machines and Actions I	DD	2	-	2	1	70	Ex	5	55	
IEMI-0097	Fluid mechanics	DD	3	2	1	-	84	Ex	5	41	
IEMI-0856	Software Packages for Energy Engineering	SD	2	-	2	-	56	Ex	3	19	
IEMI-0034	Electronics	DD	2	-	1	-	42	Vp	3	33	
IEMI-0009	Technical English IV	CD	-	1	-	-	14	Vp	2	36	
IEMI-0780	Domain practice	DD	-	-	-	-	90	Cv	4	10	
TOTAL			11	4	7	1	412		27	263	
OBLIGATORII OPȚIONALE											
IEMI-0126	General energetics and energy conversion	DD	2	1	-	-	42	Vp	3	33	
IEMI-0127	Energy and Environment	DD	2	1	-	-	42	Vp	3	33	
TOTAL			2	1	-	-	42		3	33	
IEMI-0779	Physical education and sports IV	CD	-	1	-	-	14	A/R	1	11	
FACULTATIVE											
IEMI-0016	Work Sociology and Psychology	CD	2	-	-	-	28	Vp	2	22	

Legend: C - Course; S - Seminar; L - Practical (laboratory); P - Project; IS - Individual Study;
 GD - General Discipline; FD - Fundamental Discipline; SD - Specialized Discipline; CD - Complementary Discipline; FD - Field Discipline; DP - Practical Activities; UO - University Choice; DR - Disciplines relevant to the students' training in a certain field, available according to the options of the institution.
 Type of Examination - Verification Form, Ex. - examination; Cv. - Colloquium, Vp. - Continuous Assessment, Pr - Project; A/R- Passed/Failed; Credits - number of ECTS credits; IS - Individual study.

**Head of departament ,
 Lecturer Rancov Nicolae, PhD, Eng.**

**RECTOR,
 Professor Dr. BUNGAU Constantin**

**DEAN,
 Associate Professor Dr.
 HORA Cristina Mirela**