



TABLE 2: COURSE DISTRIBUTION PER SEMESTER

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration (min.)	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
Semester 1								
1.	Required	Introduction to Machining Processes (Materials Science I)	TEME 101	1+3*	50'	15	60	5
2.	Required	Introduction to Mechanical Installations	TEME 102	3	50'	15	45	5
3.	Required	Mathematics	TEME 103	3	50'	15	45	5
4.	Required	Technical and Mechanical Drawing	TEME 104	4*	50'	15	60	5
5.	Required	Electrotechnics Applications	TEME 105	2+1*	50'	15	45	5
6.	Elective	Free Elective Course			50'	15		5
Semester 2								
7.	Required	Health & Safety in Workspace	TEME 111	2	50'	15	30	2
8.	Required	Hydraulic Systems I	TEME 112	3+2*	50'	15	75	6
9.	Required	Computer Applications	TEME 113	2*	50'	15	30	2
10.	Required	Air-conditioning Systems I	TEME 114	3+2*	50'	15	75	6
11.	Required	Machining Tools and Welding Processes (Materials Science II)	TEME 115	1+3*	50'	15	60	5
12.	Required	Industry Internship (Placement)	TEME 116	-	-	-	-	9



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Semester 3								
13.	Required	Technical English and Terminology	TEME 201	2	50'	15	30	3
Specialization: Mechanical Systems in Buildings								
14.	Required	Lifting Equipment and Lifts	EGKA 202	3+2*	50'	15	75	9
15.	Required	Heating Systems	EGKA 203	3+2*	50'	15	75	9
16.	Required	Renewable Energy Systems I	EGKA 204	3+2*	50'	15	75	9
Specialization: Metal Structures								
17.	Required	Machining Processes for Material Disposal (Lathe – Milling Machine)	SYGKA 202	5*	50'	15	75	9
18.	Required	Welding of Materials with MMA	SYGKA 203	1+4*	50'	15	75	9
19.	Required	Advanced Applications of MMA (Advanced Applications of Welding Processes I)	SYGKA 204	5*	50'	15	75	9
Semester 4								
20.	Required	Work Management	TEME 211	2	50'	15	30	3



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Specialization: Mechanical Systems in Buildings								
21.	Required	Hydraulic Systems II	EGKA 212	2+3*	50'	15	75	9
22.	Required	Air-conditioning Systems II	EGKA 213	2+3*	50'	15	75	9
23.	Required	Renewable Energy Systems II	EGKA 214	2+3*	50'	15	75	9
Specialization: Metal Structures								
24.	Required	Advanced Applications of MMA (Advanced Applications of Welding Processes II)	SYGKA 212	1+4*	50'	15	75	9
25.	Required	Advanced Applications of TIG (Advanced Applications of Welding Processes III)	SYGKA 213	5*	50'	15	75	9
26.	Required	Advanced Applications in Lathe and Milling Machine (Advanced Applications of Machining Tools)	SYGKA 214	5*	50'	15	75	9