



TABLE 2: COURSE DISTRIBUTION PER SEMESTER

S/N	Course Type	Course Title	Course Code	Periods per week	Period duration	Number of weeks/ Semester	Total periods/ Semester (Th - L)	Number of ECTS (ECTS)
Semester 1								
1.	Th	Mathematics	MECH 0101	4	45'	14	56	4
2.	L	Technical Design (Mechanical - Electrical)	MECH 0102	3	45'	14	42	3
3.	Th, L	Thermodynamics - Fluid Dynamics	MECH 0103	6	45'	14	84 (70+14)	7
4.	Th, L	Basic principles of mechanical installations	MECH 0104	6	45'	14	84 (56+28)	7
5.	Th	Health and Safety at Work	MECH 0105	3	45'	14	42	3
6.	L	Computer applications	MECH 0106	3	45'	14	42 L	3
Semester 2								
1.	Th, L	Electrical Laboratory - Electrotechnics -	MECH 0201	5	45'	14	70 (42 + 28)	5
2.	L	Technical Drawing (CAD)	MECH 0202	5	45'	14	70	6



3.	Th, L	Hydraulic Systems I	MECH 0203	5	45'	14	70 (28 + 42)	6
4.	Th, L	Machining laboratory - Welding laboratory	MECH 0204	7	45'	14	98 (28 + 70)	7
5.	Th, L	Pneumatic Systems	MECH 0205	3	45'	14	42 (28 + 14)	3
6.	L	Internship I	MECH 0206					6
Semester 3								
1.	Th, L	Hydraulic Systems II	MECH 0301	6	45'	14	84 (28 + 56)	6
2.	Th, L	Basic Principles of Building Electrical Systems	MECH 0302	5	45	14	70 (28 + 42)	5
3.	Th, L	Cooling and air conditioning systems	MECH 0303	4	45'	14	56 (28 + 28)	5
4.	Th, L	Heating systems	MECH 0304	5	45	14	70 (28 + 42)	6
5.	Th, L	Airing - ventilation systems	MECH 0305	3	45	14	42 (28 + 14)	3
6.	Th, L	Swimming Pools	MECH 0306	2	45	14	28 (14 + 14)	2
Semester 4								
1.	Th, L	Automatic Control of Mechanical Installations	MECH 0401	4	45	14	56 (28 + 28)	4
2.	Th, L	Fire safety systems	MECH 0402	3	45	14	42 (28 + 14)	4



3.	Th, L	Electric Machines	MECH 0403	5	45	14	70 (56 + 14)	6
4.	Th, L	Technical and economic study of mechanical installations	MECH 0404	5	45	14	70 (42 + 28)	5
5.	(TH, L)	Sustainable resource management	MECH 0405	4	45	14	56 (28 + 28)	4
6.	(TH, L)	Liquid and gaseous fuel management	MECH 0406	4	45	14	56 (28 + 28)	4
7.	L	Internship II	MECH 0407					6