

# Hourly distribution TS

	Course	1st year	2 <sup>nd</sup> Année	Coeff. TS 1	Coeff. TS 2
General courses	Math	90	60	6	4
	Mechanics	60	-	4	
	Foreign language 1	60	-	4	
	Foreign language 2	60	-	4	
	Law	30	-	2	
	Industrial organization	-	30		2
	Management and finance	-	30		2
	<b>TOTAL General courses</b>	<b>300</b>	<b>120</b>		
Major courses	Technical drawing	60	-	6	
	Electricity	60	-	4	
	Computer sciences	60		4	
	Electronics	60	-	4	
	Thermodynamics	60	-	6	
	Fluid mechanics	60	-	6	
	Strength of materials	60	-	4	
	Science of materials	30	-	2	
	Machine kinematics	30	-	2	
	Sensors and Instrumentation	60	-	4	
	electrical Machines	60	-	4	
	Autocade		60		4
	Automation and Control	-	90		9
	Heating	-	90		9
	Refrigeration	-	90		9
	Air conditioning	-	90		9
	Site planning	-	60		4
	Turbo Machinery		60		6
	Renewable energies	-	60		6
	<b>TOTAL Major courses</b>	<b>600</b>	<b>600</b>		
Practical works	PW Mechanical manufacturing applied to HVAC.	60	-	8	
	PW Electricity	30	-	2	
	PW Electronics	30	-	2	
	PW Electrical machines	30	-	2	
	PW Science of materials	30	-	2	
	PW Fluid mechanics	30	-	4	
	PW computer sciences	30	-	2	
	PW automation and control	-	60		4
	PW Heating	-	90		6
	PW Refrigeration	-	90		6
	PW Air conditioning	-	90		6
	PW Turbo Machinery	-	60		4
	PW Thermal softwares	-	60		6
	PW Renewable energies	-	60		4
	Heating technology	60	-	6	
	Cooling technology	60	-	6	
	<b>TOTAL PW</b>	<b>360</b>	<b>510</b>		
	<b>TOTAL</b>	<b>1260</b>	<b>1230</b>		

*A training of 8 weeks is required during the summer following the first year is necessary for the admission in the second year.*

Notes : All the courses and the practical works should be applicable to the major exclusively.

*Ratio of PW to the total of the courses in TS1= 28.6%*

*Ratio of PW to the total of the courses TS2= 41.5%*

*Ratio of PW to the total of the courses for both of the years (excluding training)= 35%*