

Semester 1

Teaching Unit	Subjects	Credits	Coefficient	Weekly Hourly Volume			Semester Hourly Volume (15 weeks)	Additional Work in Consultation (15 weeks)	Evaluation Method	
				course	TD	TP			Continuous Assessment	Exam
Fundamental UE Code : FUE 1.1 Credits : 18 Coefficients : 9	Fluid Mechanics	6	3	3h00	1h30		67h30	82h30	40%	60%
	Gas Dynamics	6	3	3h00	1h30		67h30	82h30	40%	60%
	Heat Transfer	6	3	3h00	1h30		67h30	82h30	40%	60%
Methodological UE Code : MUE 1.1 Credits : 9 Coefficients : 5	Electronics and Electrotechnics	3	2	1h30	1h30		45h00	55h00		100%
	Lab Work in Fluid Mechanics, Heat Transfer, and Internal Combustion Engines: 9 experiments, 3 hours every 15 days	3	1			2h00	30h00	45h00	100%	
	Computer Science 1: Numerical Methods	3	2			2h00	30h00	45h00	100%	
Discovery UE Code : DUE 1.1 Credits : 1 Coefficients : 1	Safety in Energy Installations	1	1	1h30			22h30	02h30		100%
Transversal UE Code : TUE 1.1 Credits : 2 Coefficients : 2	Language 1: English	1	1	1h30			22h30	02h30		100%
	Management I	1	1	1h30			22h30	02h30		100%
Total semester 1		30	17	15h00	6h00	4h00	375h00	399h20		

Semester 2

Teaching Unit	Subjects	Credits	Coefficient	Weekly Hourly Volume			Semester Hourly Volume (15 weeks)	Additional Work in Consultation (15 weeks)	Evaluation Method	
				course	TD	TP			Continuous Assessment	Exam
Fundamental UE Code : FUE 2.1 Credits : 18 Coefficients : 9	Heating and Air Conditioning	6	3	3h00	1h30		67h30	82h30	40%	60%
	Industrial Combustion and Environment	6	3	3h00	1h30		67h30	82h30	40%	60%
	New and Renewable Energies	6	3	3h00	1h30		67h30	82h30	40%	60%
Methodological UE Code : MUE 2.1 Credits : 8 Coefficients : 4	Internal Combustion Engines	4	2	1h30	1h30	1h00	60h00	74h00	40%	60%
	Computer Science 2, CFD Software	4	2	1h30		1h30	45h00	27h30	40%	60%
Discovery UE Code : DUE 2.1 Credits : 3 Coefficients : 3	Operations Research	1	1	1h30			22h30	02h30		100%
	Control Systems	2	2	1h30			22h30	02h30		100%
Transversal UE Code : TUE 2.1 Credits : 1 Coefficients : 1	Language 2: French	1	1	1h30			22h30	02h30		100%
Total semester 2		30	17	16h30	6h00	3h00	375h00	375h20		

Semester 3

Teaching Unit	Subjects	Credits	Coefficient	Weekly Hourly Volume			Semester Hourly Volume (15 weeks)	Additional Work in Consultation (15 weeks)	Evaluation Method	
				course	TD	TP			Continuous Assessment	Exam
Fundamental UE Code : FUE 3.1 Credits : 18 Coefficients : 9	Power Generation Plants	6	3	3h00	1h30		67h30	82h30	40%	60%
	Heat Exchangers	6	3	3h00	1h30		67h30	82h30	40%	60%
	Petrochemical Installations	6	3	3h00	1h30		67h30	82h30	40%	60%
Methodological UE Code : MUE 3.1 Credits : 8 Coefficients : 4	Thermal Installations	4	2	1h30	1h30	1h00	60h00	74h00	40%	60%
	Cryogenic Installations	4	2	1h30	1h30		45h00	27h30		100%
Discovery UE Code : DUE 3.1 Credits : 2 Coefficients : 2	Maintenance	1	1	1h30			22h30	02h30		100%
	Management II	1	1	1h30			22h30	02h30		100%
Transversal UE Code : TUE 3.1 Credits : 2 Coefficients : 2	Language 3: English	1	1	1h30			22h30	02h30		100%
	Written and Oral Expression	1	1	1h30			22h30	02h30		100%
Total semester 3		30	17	18h00	7h30	1h00	375h00	358h		