

III - Organization sheet of teaching units

Semester 1 - Master: Mechanical Manufacturing

Teaching unit	Matters	Credits	Coefficient	Hourly Volume weekly			VHS (15 weeks)	Additional work in consultancy (15 weeks)	Assessment Mode	
	Title			Course	TD	TP			Control continuos	Exam
UE Fundamental Code : UEF 1.1 Credits: 16 Coefficients : 12	Manufacturing Methods 1	4	3	1h30	1h30	-	45h00	50:00	40%	60%
	Mechanics of continuous environments	4	3	1h30	1h30	-	45h00	50:00	40%	60%
	Tolerance and uncertainties	4	3	1h30	1h30	-	45h00	50:00	40%	60%
	Methods Numerical	4	3	1h30	1h30	-	45h00	50:00	40%	60%
EU Methodological Code : EU 1.1 Credits: 10 Coefficients : 07	Technology des cutting tools (3TP)	4	3	1h30	-	1h00	37h30	55h00	40%	60%
	Material implementation (3TP)	3	2	1h30	1h30	1h00	60h00	60h00	40%	60%
	Instrumentation and measurements (4TP)	3	2	1h30	-	1h00	37h30	55h00	40%	60%
UE Discovery Code : UED 1.1 Credits: 3 Coefficients : 2	Programming of MOCN1	3	2	1h30	-	1h00	37h30	2h30	-	100%
UE Transversal Code : UET 1.1 Credits: 1 Coefficients : 1	Technical English and Terminology 1	1	1	1h30	-	-	10:30 p.m.	2h30	-	100%
Total Semester 1		30	22	1:30	7 p.m.	4 p.m.	375 h 30	375h00	-	-

			p.m.						
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Semester 2 - Master: Mechanical Manufacturing

Teaching unit	Matters	Credits	Coefficient	Hourly Volume weekly			VHS (15 weeks)	Additional work under consultation (15 weeks)	Fashion of evaluation	
	Title			Course	TD	TP			Title	Exam
UE Fundamental Code : UEF 2.1 ECTS : 12 Coefficients : 9	Manufacturing Methods 2	4	3	1h30	-	1h30	45h00	50:00	40%	60%
	Usability of Materials	4	3	1h30	1h30	-	45h00	55h00	40%	60%
	Mechanical Construction	4	3	1h30	1h30	-	45h00	55h00	40%	60%
EU Methodological Code : EU 2.1 ECTS : 12 Coefficients : 9	Three-Dimensional Metrology	4	3	1h30	-	1h00	37h30	55h00	40%	60%
	Scheduling of MOCN2 (10TP)	4	3	-	-	3:00am	45h00	55h00	40%	60%
	CAO (10TP)	4	3	1h30	-	1h30	45h00	55h00	40%	60%
EU Discovery Code : UED 2.1 ECTS : 5 Coefficients : 3	Automatic and services	2	1	1h30	-	-	10:30 p.m.	10:30 p.m.	40%	60%
	Standardization in mechanical and product manufacturing	2	1	1h30	1h 30	-	45h00	10:30 p.m.	40%	60%
UE Cross Code : UET 2.1 ECTS : 1 Coefficients : 1	Compliance with ethical standards and rules and of integrity	1	1	1h30	-	-	10:30 p.m.	2h30	40%	60%
	Technical English and Terminology 2	1	1	1h30	-	-	10:30 p.m.	2h30	-	100%
Total Semester 2		30	23	1:30 p.m.	4:30 p.m.	7 p.m.	375 h 50	375h00	-	-

Semester 3 - Master: Mechanical Manufacturing

Teaching unit	Matters	Credits	Coefficient	Hourly Volume weekly			VHS (15 weeks)	Additional work in consulting (15 weeks)	Assessment Mode	
	Title			Course	TD	TP			Title	Exam
UE Fundamental Code : UEF 3.1 Credits: 17 Coefficients : 12	Methods Bureau	4	3	1h30	1h30	-	45h00	55h00	40%	60%
	Optimization and Search operational	4	3	1h30	1h30	-	45h00	50:00	40%	60%
	Dynamics of structures	5	3	1h30	1h30	1h30	67h30	50:00	40%	60%
	Fatigue des materials	4	3	1h30	1h30	-	45h00	50:00	40%	60%
EU Methodological Code : EU 3.1 Credits: 11 Coefficients : 9	Machining of curves and surfaces (6TP)	4	3	1h30	-	1h00	37h30	55h00	40%	60%
	TP CFAO (12TP)	4	3	-	-	3:00am	45h00	55h00	40%	60%
	Techniques of welding (6TP)	3	3	1h30	-	1h30	45h00	55h00	40%	60%
UE Discovery Code : UED 3.1 Credits: 1 Coefficients : 1	Production Management	1	1	1h30	-	-	10:30 p.m.	2h30	-	100%
UE Transversal Code : UET 3.1 Credits: 1 Coefficients : 1	Documentary Research and memory design	1	1	1 h30	-	-	10:30 p.m.	2h30	-	100%
Semester total 3		30	22	12:00 p.m.	6:00am	7:00am	375h00	375h00	-	-

Semester 4 - Master – Mechanical Manufacturing

Internship in Laboratory or Company sanctioned by internship report + an end of study report (EF) and support.

Teaching unit		Titled Subjects	Credits	Coefficient	Hourly Volume Per EU	Semester Schedule Volume (15 weeks)
UE Fundamental Code : UEF 4 Credits : 30 Coefficients : 10	UEF4.1 : Internship Master's Note (Company or lab)	Enterprise or Laboratory Evaluation	5	3	450h	450h
	UEF4.2 : Final Project Note	Internship Report or PFE	13	7		
		internship support or PFE	12	7		
Semester total 4			30	17	450h	450h