

Detailed program

Semester 1

Teaching Unit	Units	Credits	Coefficient	Weekly hourly volume			Half-Yearly Hourly Volume (15 weeks)	Additional Work In consultation (15 weeks)	Assessment Methods	
	Title			Course	DW	PW			Continuous Assessment	Exam
Fundamental EU Code : UEF 1.1 Crédits : 18 Coefficients : 9	Mathematics 1	6	3	3h00	1h30		67h30	82h30	40%	60%
	General Physics	6	3	3h00	1h30		67h30	82h30	40%	60%
	General Electricity	6	3	3h00	1h30		67h30	82h30	40%	60%
Methodological EU Code : UEM 1.1 Crédits : 9 Coefficients : 5	General Physics PW	2	1			1h30	22h30	27h30	100%	
	General Electricity PW	2	1			1h30	22h30	27h30	100%	
	Computer Science 1	4	2	1h30		1h30	45h00	55h00	40%	60%
	Discovery Internship 1	1	1	1h00			15h00	10h00	100%	
Discovery EU Code : UED 1.1 Crédits : 1 Coefficients : 1	Car Manufacuring Careers	1	1	1h30			22h30	02h30		100%
Transversale EU Code : UET 1.1 Crédits : 2 Coefficients : 2	Automtive Architecture and Operation	1	1	1h30			22h30	02h30		100%
	Technical English and Terminology	1	1	1h30			22h30	02h30		100%
Total semester 1		30	17	16h00	4h30	4h30	375h00	375h00		

Semester 2

Teaching Unit	Units	Credits	Coefficient	Weekly Hourly volume			Semester Hourly Volum (15 Weeks)	Additional Work In Consultation (15 Weeks)	Assessment Methods	
	Title			Course	DW	PW			Continuous Assessment	Exam
Fundamental EU Code : UEF 1.2 Crédits : 18 Coefficients : 9	Mathematics 2	6	3	3h00	1h30		67h30	82h30	40%	60%
	General Electronics	6	3	3h00	1h30		67h30	82h30	40%	60%
	Thermodynamics	6	3	3h00	1h30		67h30	82h30	40%	60%
Methodological EU Code : UEM 1.2 Crédits : 9 Coefficients : 5	General Electronics PW	2	1			1h30	22h30	27h30	100%	
	Thermodynamics PW	2	1			1h30	22h30	27h30	100%	
	Computer Science 2	4	2	1h30		1h30	45h00	55h00	40%	60%
	Discovery Intership 12	1	1	1h00			15h00	10h00	100%	
Discovery EU Code : UED 1.2 Crédits : 1 Coefficients : 1	Automotive Systems	1	1	1h30			22h30	02h30		100%
	Automotive Engine	1	1	1h30			22h30	02h30		100%
Transversale EU Code : UET 1.2 Crédits : 2 Coefficients : 2	Introduction to Communication	1	1	1h30			22h300	05h00		100 %
Total semester 2		30	17	16h00	4h30	4h30	375h00	375h00		

Semester 3

Teaching Unit	Units	Credits	Coefficient	Weekly hourly Volume			Semester Hourly Volum (15 weeks)	Additional Woork In Consultation (15 weeks)	Assessment methods	
	Intitulé			Course	DW	PW			Continuous Assessment	Exam
Fundamental EU Code : UEF 2.1.1 Crédits : 10 Coefficients : 5	Digital Electronics	6	3	3h00	1h30		67h30	82h30	40%	60%
	Electrotechnics	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental EU Code : UEF 2.1.2 Crédits : 8 Coefficients : 4	Automotive Sensors	4	2	1h30	1h30		45h00	55h00	40%	60%
	Signals and Systems	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodological EU Code : UEM 2.1 Crédits : 9 Coefficients : 5	Local Are Networks	4	2	1h30		1h30		55h00	40%	60%
	Digital Electronics PW	2	1			1h30	22h30	27h30	100%	
	Automotive Sensors PW	2	1			1h30	22h30	27h30	100%	
	Electrotechnics PW	1	1			1h00	15h00	10h00	100%	
Discovery EU Code : UED 2.1 Crédits : 2 Coefficients : 2	Battery Technology	1	1	1h30			22h30	02h30		100%
	Energy and the Environment	1	1	1h30			22h30	02h30		100%
Transversale EU Code : UET 2.1 Crédits : 1 Coefficients : 1	Written Comprehension and Expression	1	1	1h30			22h30	02h30		100%
Total semester 3		30	17	13h30	6h00	6h00	375h00	375h00		

Semester 4

Teaching Unit	Units	Credits	Coefficient	Weekly hourly Volume			Semester Hourly Volume (15 Weeks)	Additional Work in Consultation (15 Weeks)	Assessment methods	
	Title			Course	DW	PW			Continuous Assessment	Exam
Fundamental EU Code : UEF 2.2.1 Crédits : 10 Coefficients : 5	Automotive Electricity and Electronics 1	6	3	3h00	1h30		67h30	82h30	40%	60%
	Power Electronics for Electric Vehicles	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental EU Code : UEF 2.2.2 Crédits : 8 Coefficients : 4	Computers and Interfacing	4	2	1h30	1h30		45h00	55h00	40%	60%
	Measurement and Instrumentation	4	2	1h30	1h30		45h00	55h00	40%	60%
Méthodological EU Code : UEM 2.2 Crédits : 9 Coefficients : 5	Mock-Up Project	3	2	1h30		1h00	37h30	37h30	40%	60%
	Automotive Electricity and Electronics 1 PW	2	1			1h30	22h30	27h30	100%	
	Computers and Interfacing PW	2	1			1h30	22h30	27h30	100%	
	Measurement and Instrumentation PW	2	1			1h30	22h30	27h30	100%	
Discovery EU Code : UED 2.2 Crédits : 2 Coefficients : 2	Heating and Air Conditioning Networks	1	1	1h30			22h30	02h30		100%
		1	1	1h30			22h30	02h30		100%
Transversale EU Code : UET 2.2 Crédits : 1 Coefficients : 1	Automotive Safety Systems	1	1	1h30			22h30	02h30		100%
Total semester 4	Safety and Regulations	30	17	13h30	6h00	5h30	375h00	375h00		

Semester 5

Teaching Unit	Units	Credits	Coefficients	Weekly hourly volume			Semester Hourly Volume (15weeks)	Additional Work in Consultation (15 weeks)	Assessment method	
	Titled			Course	DW	PW			Continuous Assessment	Exam
Fundamental EU Code : UEF 3.1.1 Crédits : 10 Coefficients : 5	Automotive Electricity and Electronics 2	6	3	3h00	1h30		67h30	82h30	40%	60%
	Internal, Electric, and Hybrid Engine Control	4	2	1h30	1h30		45h00	55h00	40%	60%
Fundamental EU Code : UEF 3.1.2 Crédits : 8 Coefficients : 4	Automotive Communication Networks	4	2	1h30	1h30		45h00	55h00	40%	60%
	Electronic Control Systems for Automotive Vehicles	4	2	1h30	1h30		45h00	55h00	40%	60%
Methodological EU Code : UEM 3.1 Crédits : 9 Coefficients : 5	Vehicle Simulators	2	1			1h30	22h30	27h30	100%	
	Electronic Control Systems for Automotive Vehicles PW	2	1			1h30	22h30	27h30	100%	
	Internal, Electric, and Hybrid Engine Control PW	2	1			1h30	22h30	27h30	100%	
	Automotive Communication Networks PW	3	2	1h30		1h30	37h30	37h30	40%	60%
Discovery UE Code : UED 3.1 Crédits : 2 Coefficients : 2	Energy Storage Systems	1	1	1h30			22h30	02h30		100%
	Vehicle Technical Inspection	1	1	1h30			22h30	02h30		100%
Transversale UE Code : UET 3.1 Crédits : 1 Coefficients : 1	Business Management and Creation	1	1	1h30			22h30	02h30		100%

Total semester 5		30	17	13h30	6h00	6h00	375h00	375h00		
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Semester 6

Stage en entreprise sanctionné par un rapport de stage et une soutenance.

Company internship culminating in an internship report and a thesis defense.

	H-Y HV	Coeff	Credits
Personal Work	550	09	18
Company Internship	100	04	06
Seminars	50	02	03
other	50	02	03
Total Semester 6	750	17	30