

Formation : Licence Académique Télécoms/ Organisation des enseignements

Domiciliation : Département d'Electronique, Université Constantine 1. Année de dernière Mise à jour : 2021 / 2022

Semester 1

Teaching Unit	Subject	Credits	Coefficient
	Title		
Fondamental TU : Code UEF 1.1 Credit s: 18 ; Coefficient : 9	Mathematics 1	6	3
	Physics 1	6	3
	Material structure	6	3
Methodological TU: Code UEM 1.1 Credits : 9 ; Coefficient : 5	PW Physics 1	2	1
	PW Chemistry 1	2	1
	Computer Science 1	4	2
	Writing up methodology	1	1
Discovery TU: Code UED 1.1 Credits : 1 ; Coefficient : 1	Technology professions 1	1	1
Transversal TU : Code UET 1.1 Credits : 2 ; Coefficient : 2	Ethics and Professional Conduct	1	1
	Foreign Languages 1	1	1
Total (Semester 1)		30	17

Semester 2

Teaching Unit	Subject	Credits	Coefficient
	Title		
Fondamental TU : Code UEF 1.2 Crédit : 18 ; Coefficient : 9	Mathématiques 2	6	3
	Physics 2	6	3
	Thermodynamic	6	3
Methodological TU : Code UEM 1.2 Credits : 9 ; Coefficient: 5	PW Physics 2	2	1
	PW Chemistry 2	2	1
	Computer Science 2	4	2
	Presentation Methodology	1	1
Discovery TU : Code UED 1.2 Credit : 1 ; Coefficient : 1	Technology professions 2	1	1
Transversal TU : Code UET 1.2 Credit : 2 ; Coefficient : 2	Foreign Langages 1	2	2
Total (semester 2)		30	17

Semestre 3

Teaching Unit	Subject	Credits	Coefficient
	Title		
Fondamental TU: Code UEF 2.1.1 Credits : 10 ; Coefficient : 5	Mathématiques 3	6	3
	Waves	4	2
Fondamental TU: Code UEF 2.1.2 Credits : 8 ; Coefficients : 4	Fondamental Electronic 1	4	2
	Power Electrical Engineering 1	4	2
Methodological TU : Code UEM 2.1 Credits : 9 ; Coefficient : 5	Statistic and probability	4	2
	Computer science 3	2	1
	PW Electronics and Power Electrical engineering	2	1
	PW Waves	1	1
Discovery TU : Code UED 2.1 Credits : 2 ; Coefficient : 2	Literature review in electrical engineering	1	1
	Energy and environment	1	1
Transversal TU : Code UET 2.1 Credits : 1 ; Coefficient : 1	Technical English	1	1
Total (Semester 3)		30	17

Semester 4

Teaching Unit	Subject	Credits	Coefficient
	Title		
Fondamental TU : Code UEF 2.2.1 Credits : 10 ; Coefficient : 5	Basic Telecommunications concepts	6	3
	Combinatorial and sequential logic design	4	2
UE Fondamentale : Code UEF 2.2.2 Crédits : 8 ; Coefficients : 4	Numerical computing techniques	4	2
	Fundamentals of Signal Processing	4	2
UE Méthodologique: Code UEM 2.2 Crédits : 9 ; Coefficients : 5	Electrical Measurements	3	2
	PW in Basic Telecoms	2	1
	PW in Combinatorial and sequential logic design	2	1
	PW Numerical computing	2	1
UE Découverte : Code UED 2.2 Crédits : 2 ; Coefficients : 2	Télécommunications et applications	1	1
	Telecommunication Laws	1	1
UE Transversale : Code UET 2.2 Crédits : 1 ; Coefficients : 1	Oral expression and communication techniques	1	1
Total semester 4		30	17

Semester 5

Teaching Unit	Subject	Credits	Coefficient
	Title		
Fondamental TU : Code UEF 3.1.1 Credits : 10 ; Coefficient : 5	Analog Communication Systems	6	3
	Signal Processing	4	2
Fondamental TU Code UEF 3.1.2 Credits : 8 ; Coefficient : 4	Waves	4	2
	Telecom Systems and Networks	4	2
Methodological TU: Code UEM 3.1 Credit : 9; Coefficient: 5	Calculateurs et interfaçage	3	2
	PW in Waves	2	1
	PW in Signal Processing	2	1
	PW Analog Communication systems	2	1
Discovery TU : Code UED 3.1 Credit : 2 ; Coefficient : 2	PSTN and Mobile communications	1	1
	Communication and transmission medium	1	1
Transversal TU : Code UET 3.1 Credit : 1 ; Coefficient : 1	Sensors and measurements in	1	1
	Telecommunications		
Total semester 5		30	17

Semester 6

Teaching Unit	Subject	Credits	Coefficient
	Title		
Fondamental TU : Code UEF 3.2.1 Credits : 10 ; Coefficients : 5	Digital Communications	6	3
	Antennas et Transmission Lines theory	4	2
Fondamental TU : Code UEF 3.2.2 Credits : 8 ; Coefficients : 4	Local Area Networks	4	2
	Information theory and coding	4	2
Methodological TU : Code UEM 3.2 Credits : 9 ; Coefficients : 5	Projet de Fin de Cycle	4	2
	PW Digital Communications	2	1
	PW in Antennas et Transmission Lines Theory	2	1
	PW Local Area Network	1	1
Discovery TU: Code UED 3.2 Credits : 2 Coefficients : 2	Optoélectronique	1	1
	Network Security	1	1
Transversal TU : Code UET 3.2 Credits : 1 Coefficients : 1	Entrepreneurship and business management	1	1
Total (semester 6)		30	17