

SCIENCES, INGÉNIERIE ET TECHNOLOGIES

MASTER ELECTRONIC SYSTEMS FOR EMBEDDED AND COMMUNICATING APPLICATIONS M1

MASTER ELECTRONIC SYSTEMS FOR EMBEDDED AND COMMUNICATING APPLICATIONS

 ECTS
60 credits

Presentation

Organisation

Program

	Nature	CM	TD	TP	Crédits
M1 Electronic Systems for Embedded & Communicating Appli.	UE				
Parcours Normal - M1 ESECA Semestre 7	UE				30 credits
Parcours Standard sem 7 ESECA	UE				
UE Social Science & Culture sem 7	UE				7 credits
French (FLE) M1 ESECA semestre 7	UE				
Conferences on aeroautics - sem 7	UE				
Communication	UE				
Sport - M1 ESECA	UE				
UE Math. - M1 ESECA	UE				6 credits
Maths Fourier Analysis	UE				
Maths - Complex variable - Vector analysis	UE				
Maths Probability / Statistics	UE				
Programming	UE				4 credits
Basis of Programming / Matlab	UE				
C programming	UE				
Microprocessor	UE				
UE Analog Electronics	UE				8 credits
Circuits	UE				
Project Analog Electronics	UE				
Analog Electronics Pratical	UE				
Semic-conductor devices	UE				
Filtering	UE				
Transmission lines	UE				
UE Digital Electronics	UE				5 credits
Digital electronics	UE				
VHDL - M1 ESECA	UE				
Parcours PIM sem 7 - M1 ESECA	UE				
UE PIM Commun	UE				26 credits
UE PIM N7	UE				4 credits
Ligne de Transmission	UE				
Circuits RF passifs et actifs	UE				
Antennes	UE				
Programmation C	UE				
M1 ESECA Semestre 8	UE				30 credits
UE Social Science & Culture sem 8	UE				6 credits
Sport semestre D	UE				
Research (Industrial) Project	UE				
Langues M1 ESECA	UE				
Anglais 2EN semestre 8	UE				
LV2 M1 ESECA	UE				
Conf. Aéro. Sem 8	UE				

UE Digital Electronics	UE	6 credits
Digital Electronics Project	UE	
Front-end acquisition	UE	
UE Optics & Telecoms	UE	8 credits
Optoelectronics	UE	
Telecoms	UE	
Practical Hyper / Opto	UE	
Laser and optical fiber sensing techniques	UE	
UE RF	UE	7 credits
Antennas	UE	
Passive RF	UE	
Active RF circuits	UE	
MEMS	UE	
Hyper Frequency Project	UE	
UE Signal and Image	UE	3 credits
Signal processing	UE	
Digital Sign.Proc.	UE	
Image processing	UE	
Signal & Image processing project	UE	