

Parcours EMEC



Component

École Nationale
Supérieure
d'Électrotechnique
d'Électronique
d'Informatique
d'Hydraulique
et des
Télécommunications

In brief

> **Code:** NDGP1

List of courses

	Nature	CM	TD	TP	Crédits
Static Converters, Machines and Control	UE				6 credits
Association Static Converters machines	UE				
Modulation, Filtering and Sizing of Inverters	UE				
Electric Machines Conception	UE				
Introduction to Machines Control	UE				
Modeling and Control of Static Converters	UE				
MASAP, MAS v/f	UE				
Numerical command	UE				3,5 credits
real time digital control project	UE				
real time digital control	UE				
Automatic Control and Systems	UE				5 credits
Discrete polynomial command	UE				
State Space	UE				
Graphs, Algorithms and Applications (All and EMEC)	UE				
Auto (Pendule, Susp. Magn., Ordonancement, Str reg)(EMEC)	UE				
functional materials	UE				3,5 credits
Mechanical Properties	UE				
Dielectric Properties	UE				
Magnetic properties	UE				
Materials	UE				
Macatronic Conception	UE				6 credits
Mechatronics 2: innovative actuators	UE				
Optimization Design	UE				
Thermal and fluid mechanics	UE				
Mach. 4: sizing	UE				
sensors	UE				
GE (Vibration, Piezo Engine, Optimag., Autopilot MS)	UE				
Soft and Human Skills	UE				
Professional English 2.2 : Debates	UE				
Second language	UE				
Spanish	UE				
Spanish	UE				
Chinese	UE				
Italian	UE				
Japanese	UE				
Russian	UE				
German	UE				
french (as a foreign language)	UE				
Sports	UE				
Leadership & Management	UE				

