

## Semestre 7 - Energy (NRJ)



ECTS  
30 credits



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

### In brief

- › **AmetyS Code:** M8FQ73FU
- › **Open to exchange students:** Yes

## List of courses

	Nature	CM	TD	TP	Crédits
<b>COMPUTER SYSTEMS ARCHITECTURE AND DEVELOPMENT</b>	UE				5 credits
Object-oriented design and programming	UE				
Principles of Operating Systems	UE				
Computer Architecture	UE				
<b>STATIC CONVERTER SYNTHESIS AND DESIGN</b>	UE				5 credits
Energy approaches to the design of static converters	UE				
Static Converter Design Project	UE				
<b>ELECTRICAL MACHINES</b>	UE				5 credits
Electromagnetic modeling of machines	UE				
Principle and structure of machines	Module				
<b>ELECTRICAL NETWORKS</b>	UE				5 credits
Energy of today and tomorrow	UE				
Electrical energy technology	UE				
Electrical energy transmission network	UE				
Modulation and filtering of voltage inverters	UE				
<b>LINEAR SYSTEMS CONTROL</b>	UE				5 credits
Identification	UE				
Sampled systems	UE				
Synthesis of correctors and control architectures	UE				
Automatic Tutorials	UE				
<b>SOFT AND HUMAN SKILLS</b>	UE				5 credits
Professional Communication and English -Lv1 -Sem.7	Matière				
2nd language	Bloc				
Espagnol-S7	Matière				
Portugais-S7	Matière				
Chinois-S7	Matière				
Italien-S7	Matière				
Japonais-S7	Matière				
Russe-S7	Matière				
Allemand-S7	Matière				
FLE - S7	Matière				
LSF - S7	Matière				
Sports	Matière				
Leadership & Management	Matière				