

Semestre 7 - Electronics, Electrical Energy and Simulations (EEES)



ECTS
30 credits



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

In brief

- > **AmetyS Code:** M8FQ69YJ
- > **Open to exchange students:** Yes

List of courses

	Nature	CM	TD	TP	Crédits
ELECTROMAGNETIC PROPAGATION	UE				5 credits
Guided propagation	UE				
Ideal Passive Circuits	UE				
Transmission Lines	UE				
COMPUTER SCIENCE AND ANALOG FILTERING	UE				5 credits
Analog Filtering	UE				
Object-Oriented Programming (POO)	UE				
Reliability of numerical calculations	Matière				
SCIENTIFIC COMPUTING FOR ELECTRICAL ENGINEERING	UE				5 credits
Random Signals	UE				
Numerical analysis	Matière				
Numerical Methods for PDE	Matière				
POWER ELECTRONIC COMPONENTS AND MECATRONIC	UE				5 credits
Electro-megneto-thermal modeling and simulation of power electronic components	Matière				
Principle and structure of machines	Module				
ELECTRICAL MACHINE MODELING AND NUMERICAL SIMULATION	UE				5 credits
Electromagnetic modeling of machines	UE				
Numerical experiences	Matière				
SOFT AND HUMAN SKILLS	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				