



Physics Robotics Transport
Nanotechnologies Energy Optics
Telecommunications
Radiation Embedded Metrology
Systems
protection Aeronautics Defense
Automobile Railways
Smart Power electronics
grid

Electronics, Electrical Engineering and Applied Physics

*Training programs to develop and
master innovative technologies*

Who are we ?

Le Conservatoire national des arts et métiers (le Cnam), a prestigious French public institution with long-standing and deep scientific tradition, is under the supervision of the Ministry in charge of Higher Education. Three principle missions of le Cnam are to provide Higher education to adults, to advance Research and Innovation, and to spread Scientific and Technological culture. With more than 200 years of history in diffusion of know-how and in contribution to professional success, le Cnam is the leading establishment in lifelong education.

Our department **Electronics, Electrical Engineering and Applied Physics**, one of 16 departments in le Cnam, continues this legacy by expanding and developing technological innovation and science expertise.

We participate actively in the domains of **Electronics, Electrotechnics, Automatics, Metrology, Radiation Protection and Physics** with qualified professors and experienced technical and administrative employees.

Our strengths

- Know-how in lifelong education
- Strong connections with industries and their needs
- Vision towards the future of global industries and innovative technologies
- 43 qualified professors on a wide range of expertise
- Multidisciplinary and innovative Engineering programs
- High-quality applied researches
- 4 recognized laboratories : Cedric (Telecommunications and Automatics), Esycom (Electronics, Communication System and Microsystem), LNM (Metrology), and Satie (Electrotechnics)

Degrees and certificates

Responding to the needs of world's industries and challenges of future's technologies with 65 diplomas and certificates including :

- 21 engineering courses in outside working time (in apprenticeship);
- 11 professional degrees in apprenticeship;
- 2 Higher national diplomas in Science and Technology (DEUST) outside working time and in apprenticeship;
- 2 specialized Master's degrees;

But also in the LMD system

- 6 General Bachelor's degrees in Electronics and systems; in Electrotechnics and systems; in Automatics and systems; in Instrumentation Metrology Quality; in Radiation protection; and in Methods and Industrial Sciences;
- 2 Master's degrees in Mobile telecommunication systems and in Communication systems in a complex environment;
- 1 International Master's degree in Telecommunications and networks (taught in English);
- 6 PhD degrees in Automatics and Robotics, in Electrical Engineering, in Electronics, signal processing and telecommunications , in Radiocommunications, in Metrology and in Industrial Engineering.

The + of our programs

- **Engineering programs** in partnership with Ingénieurs 2000, ATEE, ITII Picardie, ITII Île-de-France, ARSFI, AFISA. Diplomas are accredited by the "Commission des titres d'ingénieurs" (CTI, Commission of Engineers' degrees);
- **Label "Conférence des grandes écoles" (CGE)** of two specialized master's degrees in Mechatronics and Robotics systems; and in Radio communications technologies;
- **Dual accredited** with University Gustave Eiffel, Master's program in Communication systems in a complex environment (2nd year) taught in French and English.
- **International Master's program** in Telecommunications and networks, taught in English.



Choosing your training program

Our programs are designed to meet your career development and your situation:

- As student in initial training program with apprenticeship;
- As employee;
- As employee with professional contract;
- As professional(s) pursuing lifelong education.

We offer a variety of training programs based on your personal & professional projects, and your availabilities:

- Evening courses (outside working hours);
- Daytime courses (continuing education);
- Training programs with apprenticeship;
- Open and distance learning;
- Hybrid programs (blended training).

We have also customized programs to adapt to individual's needs. Please contact our pedagogical team for further details.

Financing your study

Depending on your situation, many financial supports are available:

- Personal account for education (Compte personnel de formation, CPF);
- Financing from French government for training program outside working time (FHTT);
- Individual leave for training program (CIF CDI/ CDD), period of professionalism;
- Validation of Acquired Experience (VAE);
- Professional contract.

Scholarship for international students please visit: <http://campusbourses.campusfrance.org>
The Eiffel Excellence Scholarship Program and Île-de-France Scholarship for Master programs are available based on jury selection.

“ Testimonials

« The life here is wonderful and memorable. Le Cnam provides me a variety of resources regarding to my research and encourages me to think critically, to have team spirit and to develop international vision ».
Luan Chen (2nd year Phd student at Cedric)

« During my two-year study in le Cnam, professors with great expertise have helped me so much on my studies and given me the opportunity to do the internship in the school's lab. They gave me helpfully professional suggestions on my future development ».
Yu Yi, (International Master student)

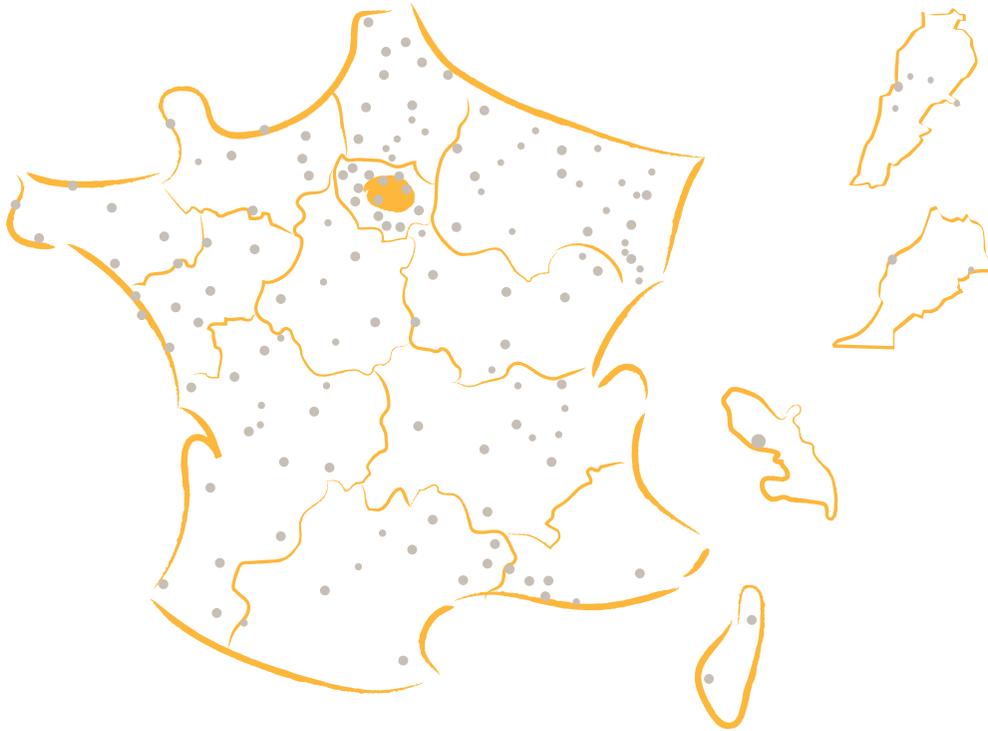
Some examples of professional opportunities

- Director of laboratory in industrial analysis
- Manager/ Engineer in industrial quality
- Development manager
- Manager in Metrology, analysis, and quality control
- Area manager
- Project manager at manufacturers and installers
- Manager in Telecommunication department



An institution with national and international networks

Our training programs have been developed and implemented in France and abroad:
China, Ivory Coast, Korea, Lebanon, Morocco, Russia, Tunisia and Vietnam.



For more information on our programs,

please visit our websites

in French: eeam.cnam.fr in English: eeap.cnam.fr

Partnership and programs development

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Our partners

