NON DESTRUCTIVE Testing and Evaluation
Materials & Structures

Reliability & Security of Procedures
The ECND Academy is born out of a consortium of public and private partners in response to a predictable shortage of skills and methods both in France and abroad in the field of non-destructive testing and evaluation. It is an example of successful collaboration among universities, businesses, local communities and French government for the benefit of our territory. I wish the ECND Academy became a worldwide oriented reference international center in permanent construction with its French and foreign, academic and industrial partners.

Since its creation, 40 years ago, and in a more strategic way these last years, Le Mans University has made precise choice as regards research and training, including in its programs scientific excellence and innovative pedagogy. Thereby, throughout years, it has organized its training offer and its research activity in coherent and visible sets in numerous domains. This structuring has entailed an offer of internationally recognised training sessions, which leans on the triptyc Research, Training, Innovation putting forward the synergies between disciplines which offers a multidisciplinary university. This is the case in our offer of non-destructive testing and evaluation training which highlights the skills of the Acoustic Laboratory of the University of Le Mans and of the Institute of Materials and Molecules of Le Mans, both partners to the CNRS (National Center for Scientific Research). Considering our research expertise, the reputation of our exceptional training in the field of NDTE and the numerous job vacancies in France and abroad, public and private sectors of our area have easily designated Le Mans University like candidate for the realisation of this school-workshop, the ECND Academy.

The ECND Academy is a pragmatic and a high quality academic response, immediately operational, to the important demand of professional qualification in the field of the non-destructive testing and evaluation for industry. Le Mans University is the only university in France to propose this type of training offer, from bachelor owners to bachelor +8 level, initial, continuing, professional, combining face-to-face and distance-learning training, implementing numerous educational innovations.

What is your ambition as regards the ECND Academy?

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ECND Academy

The school workshop

ECND Academy

Born of a private-public partnership, we propose a new offer on the training in the non-destructive testing and evaluation, adapted to industrial expectations, answering to the competitiveness stakes in companies, to the transforming of jobs and professionalization of the targeted public.

Pedagogical and technological innovation are at the core of our teaching methods

Cutting-edge technologies
Blended and Digital Learning
Virtual and augmented reality

Our missions

▸ To train and develop skills for the future for a successful sector, leading to employment
An innovative training open to all, from bachelor owners to bachelor +8 level.

▸ To accompany you towards better performances and more competitiveness
Always attentive to accompany you employees, companies and individuals in your developing project of career as well as in your career change.

▸ To reinforce attractiveness for jobs linked to non-destructive testing and evaluation
ECND Academy promotes the job sector, organizes seminars and conferences. It takes part to the technological mutations and favors partnership.

Consortium

The school workshop

Collaborative dynamics / Led by a Consortium
Training Organisms
Companies
Professional organisations
Communities/Collectivities

Pedagogical innovation / A school workshop

Pedagogical innovation /
Integrated in a Technocampus

Technological innovation
Institute of Molecules and Materials of Le Mans
Acoustic Laboratory of the University of le Mans and of CNRS
Le Mans Acoustique
Institute of Acoustics
Graduate School

Key figures

Industry
One of the 1st global recruitment sectors
Growing activity
More than 25% in 5 years
Thousands of positions to fill

Stakes

▸ A growing complexity of industrial products
▸ A growing exigence as regards quality and risk management
▸ Security and environmental stakes
▸ Economic mutations
▸ Emersion of new needs and skills
The Non-Destructive Testing and Evaluation (NDTE)

A set of methods allowing to test without destructing in order to characterize the integrity of structures and materials without degrading them and at different stages of their life cycle.

The security and sustainability guarantee of materials has become a major preoccupation. The evaluation and the non-destructive control know an important development. We invite you to join a success-oriented future.

We build together your training

A diploma-rewarded experience

A skill-based, modulable or à la carte training

- an offer of important width, accessible and individualized for all
- an innovative pedagogy and an unique infrastructure
- a diploma-rewarded experience leading to employment

We accompany you

[No matter your situation]

A group of consultants
Its missions are to evaluate and to develop a strategy and a plan in order to accompany you in achieving your goals.

A financial engineering
A block release training (training, professionalization,...), training planification, individual leave, personal account of training.

Technological watch
The evolution in positions, products, technologies, needs of skills will lead us to continuously adapt our training offer and strategy support.

A support for your employees
According to your strategy, we propose a skill assessment, a training program, an accreditation of prior experiential learning (collective or individual).

A diploma-rewarded experience

An accreditation of prior experiential learning, collective or individual

Development of skills

Modules inter or intra companies

Long distance and every-day attendance learning

Virtual reality and augmented reality

*COFREND recognition according to the targeted certification level (1, 2 or 3).
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