

Technical Quality Control

1-year undergraduate program
Semesters 5 to 6

Opening in
September 2023

This one-year course will take students to a bachelor's degree in **Technical Quality Control of carbon-free energy facilities and equipment**



Course content

Subjects	Hours per week
1. Technical English	2
2. Communication	2
3. Inspection & control: pressure equipment	1
4. Inspection & control: electrotechnics	2
5. Inspection & control: machines & lifting equipment	2
6. Carbon-free energy facilities: nuclear	2
7. Carbon-free energy facilities: wind turbines	9
8. Carbon-free energy facilities: photovoltaic / solar	3

30 hours per week on Campus



Objectives

Students will learn to understand and analyze the **operation of production facilities** respecting strict safety rules as well as developing **professional communication skills**. Students are well prepared for their profession with courses including concrete developments in the fast-moving **carbon-free energy sector** including **nuclear, wind & solar power**.

Course methods include

- Face-to-face & E-Learning courses
- Virtual reality and augmented reality
- Project-based & team-based courses
- Equipped laboratory for hands-on learning

This course is a work/study program with **2 weeks on campus / 2 weeks working** in a company throughout the 2 semesters for students to put into practice their theoretical studies and gain invaluable hands-on experience.



Face-to-face and on-site,
even with virtual reality:
discover the professions
of the future!

Training provided by



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REPUBLIQUE FRANÇAISE

La certification Qualiopi a été délivrée au titre de la catégorie d'actions de formation professionnelle continue.
Actions permettant de faire valoir les acquis de l'expérience.
Actions de formation par apprentissage.