



ENVIRONNEMENT ET CONTEXTE DE TRAVAIL

MINES Paris - PSL forme depuis sa création en 1783 des ingénieurs de très haut niveau capables de résoudre des problèmes complexes dans des champs très variés.

Première école d'ingénieurs en France par son volume de recherche contractuelle, MINES Paris - PSL dispense une importante activité de recherche orientée vers l'industrie. Ses domaines de recherche s'étendent de l'énergétique aux matériaux, en passant par les mathématiques appliquées, les géosciences et les sciences économiques et sociales. L'école d'ingénieurs développe également la création de chaires d'enseignement et de recherche sur des thèmes émergents.

Notre établissement fait partie de l'Université PSL. Située au cœur de Paris, celle-ci fait dialoguer tous les domaines du savoir, de l'innovation et de la création. Classée parmi les 50 premières universités mondiales, elle forme au plus près de la recherche des chercheurs, artistes, ingénieurs, entrepreneurs ou dirigeants conscients de leur responsabilité sociale, individuelle et collective.

STRUCTURE D'ACCUEIL

MINES Paris - PSL is one of the most prestigious engineering schools in France and trains generalist engineers through an innovative and multidisciplinary educational experience in which engineering sciences are closely intertwined with the humanities and social sciences. This dual focus is further reinforced by its affiliation with PSL University, which ranks among the top 50 in international rankings and offers a unique opportunity to enrich students' academic journeys.

MISSIONS

ACTIVITÉS PRINCIPALES

MINES Paris – PSL is launching the [**International Bachelor of Environmentally Engaged Engineering \(I-BE³\)**](#), a selective, English-taught undergraduate engineering program, addressing major environmental and societal challenges. It combines strong scientific foundations, project-based learning with each semester structured around real-world projects aligned with selected SDGs: energy, water, health, sustainable cities, climate. Based in Sophia Antipolis, I-BE³ is developed in partnership with Chimie ParisTech – PSL and is accredited by the French Engineering Accreditation Commission (CTI) as a Bachelor of Science and Engineering, conferring the French national *Grade de Licence*.

Within this framework, Mines Paris – PSL is seeking a Laboratory, Makerspace & Prototyping Technician to support teaching activities, student projects, and practical work within the I-BE³ Bachelor.

Reporting to the teaching team and program management, the technician contributes to the preparation, operation, and maintenance of teaching laboratories, experimental setups, and makerspace activities linked to physics, engineering sciences, and interdisciplinary SDG semester projects.

The position combines technical support, laboratory preparation, equipment management, and operational assistance to students and faculty in a hands-on, project-based learning environment.

Key responsibilities:

- Prepare and maintain experimental setups for teaching activities and demonstrations
- Support practical sessions in physics, engineering sciences, and prototyping activities
- Assist students during project-based activities involving fabrication, measurements, testing, or experimentation
- Contribute to makerspace/fablab activities (prototyping, tools, digital fabrication, assembly)
- Ensure the availability, organization, and maintenance of equipment and consumables
- Participate in laboratory safety management and enforcement of safety procedures, in coordination with the HSE team
- Support simple instrumentation, measurements, sensors, electronics, or data acquisition activities
- Contribute to the logistical organization of semester projects and technical workshops
- Provide operational support during activities involving external partners or contributors

PROFIL DU CANDIDAT

SAVOIRS ET COMPÉTENCES ATTENDUS

Required qualifications:

- Technical degree (BTS, BUT, Licence professionnelle, or equivalent) in physics, instrumentation, electronics, mechanical systems, prototyping, or related field
- Practical experience in laboratory, workshop, makerspace, or technical support activities
- Ability to interact with students in English in a teaching environment
- Strong organizational and hands-on technical skills
- Working proficiency in French and English

Preferred qualifications:

- Experience in educational laboratories or engineering schools
- Familiarity with prototyping tools, sensors, electronics, or digital fabrication tools
- Experience with makerspaces, fablabs, or project-based learning environments
- Interest in sustainability, low-tech approaches, or experimental pedagogy

Personal qualities:

- Service-oriented and approachable
- Autonomous and reliable
- Practical problem-solving mindset
- Ability to work collaboratively with faculty and students
- Attention to safety and operational quality

Working Conditions

- Full-time position
- Based on-site at Sophia Antipolis (Campus Pierre Laffitte)
- Reports to the Director of Studies of the I-BE³ Bachelor
- Compensation according to institutional framework

Mines Paris – PSL is committed to supporting and promoting equality, diversity, and inclusion through an open and transparent recruitment process.

Mines Paris – PSL is also committed to fostering the professional integration and career development of individuals with disabilities.

DIPLÔME ET EXPÉRIENCE PROFESSIONNELLE

Bac+3, Bac+4, Bac+5

NON DISCRIMINATION, OUVERTURE ET TRANSPARENCE

Notre établissement, comme l'ensemble de l'Université PSL, s'engage à soutenir et promouvoir l'égalité, la diversité et l'inclusion au sein de ses communautés. Nous encourageons les candidatures issues de profils variés, que nous veillerons à sélectionner via un processus de recrutement ouvert et transparent.

CONTACT

82khfs57jv5k@emploi.beetween.com

AUTRES INFORMATIONS

Branche d'activité Professionnelle : **BAP C**

Type de contrat / de poste : **CDD**

Durée du contrat : **3 an(s)**

Référence
82khfs57jv

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