

Field of study **Sciences and engineering**

Training available in

Apprenticeship

Initial training

Continuing education

Recognition of prior learning

How to apply :

<https://www.univ-gustave-eiffel.fr/en/formation/applications-and-enrolment/applications>

Course venue :

Campus Marne la Vallée - Noisy le Grand - Bâtiment Alexandra-
David-Néel 2 allée du promontoire 93160 Noisy-le-Grand

Calendar :

September: preparation for working in a company Mid-
September - Mid-October: Training Mid-October - Mid-
November: work placement Mid-November - Early December:
Training December: work placement Mid- January: Training
February: work placement March: Training April: work placement
May: Training June - July - August: work placement

Contacts :

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More information :

For further details :
<https://www.univ-gustave-eiffel.fr/international/etudiants-internationaux>
Service Information,
Orientation et Insertion Professionnelle (SIO-IP) :
sio@univ-eiffel.fr / Tel : +33 1 60 95 76 76



Lycée CUGNOT (Neuilly-



S/Marne)

GARAC
CAMPUS NATIONAL

Professional Bachelor Maintenance and Technology: Multi-Technical Systems Vehicle Technologies and Equipment



Institut Francilien des Sciences Appliquées (IFSA)

Professional Bachelor LP

TO GET THERE

This degree is for students with an advanced vocational training certificate in vehicle maintenance or internal combustion engines, or students with an industrial technical university diploma who have experience in the vehicle sector. First- or second-year students of a Licence degree in engineering sciences can also apply for this course.

ACQUIRED SKILLS

The Vehicle Technologies and Equipment programme of the Maintenance and Technology: Multi-Technical Systems Licence is designed to train future technical workshop managers specialised in one of the following areas: the analysis and diagnosis of the electrical and electronic systems of the vehicle and its environment; the analysis and inspection of bodywork and coatings. More generally, this professional Licence covers the issues of the availability of a transport offer in the context of defined needs. In this respect, it is in line with the university's current focus and allows students to adapt to, or even prefigure, future professions in this sector.

The alternation between training and work experience allows students to understand both the training objectives and company objectives through work placement reports.

YOUR FUTURE CAREER

Careers targeted by this course include:

For the Vehicle Technologies and Equipment programme: expert vehicle diagnostics technician or assistant mechanical workshop manager, bodywork receptionist or assistant bodywork workshop manager.

Before enrolling in the course, students can find out more about career prospects in the course prospectus and events at partner institutions. Companies in the sector are informed about the course and the opportunities it brings via professional bodies (RATP, TRANSDEV, NEW HOLLAND, FRAIKIN, PSA Retail, Renault RRG, MERCEDES France, BMW France, etc.)

BENEFITS OF THE PROGRAM

The Maintenance and Technology: Multi-Technical Systems professional Licence degree is a work-study programme under an apprenticeship contract (with CFA Descartes). The course is separated into five training periods in October, January, March and May. This means that students benefit from extended periods of work experience in the company, which helps them to acquire and develop skills. This course has an extremely high graduate employment rate, with 100% of graduates in employment and nearly 70% remaining in the company that trained them.

More information



YEAR

COMMUNICATION PROFESSIONNELLE

Communication et écrits professionnels (ECTS:2)

Construction et rédaction d'écrits professionnels (ECTS:2)

Bureautique appliquée au management (ECTS:2)

Anglais (ECTS:1)

Anglais professionnel (ECTS:2)

OUTILS SCIENTIFIQUES APPLIQUES AU SECTEUR

Outils mathématiques (ECTS:2)

Connaissances des systèmes Electriques et Electroniques (ECTS:3)

Connaissances mécaniques appliquées au Véhicule (ECTS:2)

Thermodynamique (ECTS:1)

Analyse fonctionnelle et structurelle de l'automobile (ECTS:2)

CONNAISSANCES DU MILIEU PROFESSIONNEL

Gestion des compétences (ECTS:2)

Service et relation clientèle (ECTS:2)

Prévention des risques professionnels (ECTS:2)

Organisation et économie d'entreprise (ECTS:2)

Management QSE (ECTS:2)

COMPETENCES PROFESSIONNELLES LIES AU PROJET

Tutored project (ECTS:9)

- Méthodologie du Projet tutoré

- Travail Personnel Projet

COMPETENCES PROFESSIONNELLES LIES AUX ACTIVITES

ACTIVITES EN ENTREPRISE (STAGE ou APPRENTISSAGE) (ECTS:12)

Equipements Electriques et Electroniques du Véhicule (3EV)

Etude des schémas et du multiplexage (ECTS:2)

Analyses appliquées des SGE du véhicule 1 (ECTS:3)

Aide au diagnostic et instrumentation (ECTS:2)

Analyses appliquées des SGE du véhicule 2 (ECTS:3)

Carrosserie et Revêtements des Véhicules (CRV)

Contrôle des trains roulants et structures (ECTS:2)

Methodologie de réparation des carrosseries (ECTS:3)

Revêtement des carrosseries (ECTS:3)

Les procédures appliquées à l'expertise (ECTS:2)