Vocational training in Germany (Ausbildung)

Car mechatronics technician (Kraftfahrzeugmechatroniker/in)

Kraftfahrzeugmechatroniker / Kraftfahrzeugmechatronikerin

You service, diagnose and repair vehicles and their electronic systems: a paid 42-month training in a workshop and at vocational school.

LEVEL	DURATION	GERMAN	PAY DURING TRAINING
Baccalaureate required	**3.5 years** 42 months	**B2** required level	**€1,090 to €1,285** gross / month, during the training

We are by your side from day one until you arrive in Germany.

GERMANY
+49 (0) 7033 694 18 80

CAMEROON
+237 622 20 81 64

www.campus-allemagne.org

Douala office : Rond-point Maetur Bonamoussadi – Nice Cream building (4th floor), opposite the COGENI hardware store, Douala, Cameroon

View the full sheet online

THE OCCUPATION IN 30 SECONDS

What a car mechatronics technician does

They check and repair the mechanical, electronic, hydraulic and pneumatic systems of cars using measuring and diagnostic equipment, and increasingly work on electromobility.

Diagnose

Read error codes, measure and analyse engines, chassis systems and driver assistance systems.

Repair

Replace faulty parts, carry out repairs and change oil or brake fluid.

Inspect

Take test drives, check the vehicle meets legal requirements and measure exhaust emissions.

This occupation is for you if…

- ✓ you like working out why a car breaks down and getting it working again
- ✓ you are careful, because brakes and safety systems depend on your work
- ✓ you are comfortable with tools, wiring diagrams and diagnostic equipment
- ✓ you enjoy dealing with workshop customers

Less suitable if…

- – you cannot cope with workshop noise
- – you refuse shift work or on-call duty
- – you dislike constantly learning new technologies

A TYPICAL DAY IN THE WORKSHOP

07:30 **Start of shift and job orders** : The trainer assigns the day's vehicles and reminds you of the workshop safety rules.

08:15 **Reading the fault memory** : Connect the diagnostic device, read the error codes and note down the customer's comments.

09:30 **Measurements on the system** : Measure voltages and pressures, compare them with reference values and identify the faulty component.

11:00 **Replacing a part** : Remove the faulty part, fit the new one and tighten the bolts as specified.

13:30 **Check before handover** : Take a test drive, check brakes and lights, then record the results of the inspection.

15:30 **Report to the customer** : Explain the work done and the parts replaced, then complete the workshop file.

Fault diagnosis | Electrical measurements | Servicing and repair | Driver assistance | Electromobility | Statutory inspections | Precision | Responsibility | Manual skill | Logic | Customer contact

THE TRAINING

How the Ausbildung works

In Germany you learn by working: this is the “dual system”. You are an employee of a company and a student at a vocational school (Berufsschule) at the same time.

3 to 4 days a week at the company | **1–2 days school**

Year 1

The basics

- Safety, tools and the vehicle
- Measuring and checking systems
- Servicing and maintenance

Year 2

Service and measurement

- Wiring diagrams and electrical faults
- Commissioning systems
- Part 1 of the final exam

Year 3

Diagnostics

- Diagnosing complex faults
- Dismantling, repair, reassembly
- Legal vehicle inspections

Year 4 (6 months)

Towards the exam

- Fitting and converting equipment
- Complete customer orders
- Part 2 of the final exam

Exams and qualification

The exam (Abschluss- or Gesellenprüfung) has two parts. Part 1, before the end of the second year, covers a service order (Serviceauftrag) and counts for 35% of the result. Part 2, at the end of training, includes a customer order, vehicle and maintenance technology, diagnostics and economics and social studies. Qualification: Gesellenbrief (HWK) or IHK final certificate.

YOU ARE PAID DURING THE TRAINING

What you need to apply

- ✓ Baccalaureate level is required.
- ✓ The required level is B2. Good technical vocabulary for the trade is a real plus.
- ✓ The work takes place in noisy workshops with protective equipment (gloves, goggles, safety shoes), sometimes in shifts or with on-call duty.

Documents to prepare

- ✓ CV and cover letter in German
- ✓ Translated baccalaureate diplomas and transcripts
- ✓ German B2 level certificate

AFTER THE TRAINING

Where it can lead

STRAIGHT AWAY

Skilled worker

Work in a repair workshop or for a vehicle manufacturer.

WITH EXPERIENCE

Master in vehicle technology

Take the Kraftfahrzeugtechnikermeister (master craftsman) exam to lead a team or run a workshop.

LONGER TERM

Studies or own workshop

With university entrance qualification: a bachelor's in vehicle engineering; or set up your own workshop.

YOUR PATHWAY WITH CAMPUS GERMANY

We are by your side from day one until you arrive in Germany

1

CHECK MY ELIGIBILITY

Take the test online or at the office

The eligibility test is done online on our website, or by visiting our Douala office directly.

2

TALK TO AN ADVISOR

Talk to our team

Germany: **+49 (0) 7033 694 18 80**
Cameroon: **+237 622 20 81 64**

3

PREPARE YOUR GERMAN

DZK, our language centre

Deutschzentrum KAGEDEV (DZK) is our own language centre in Douala. Outside Douala: partner language centres, call us to find the nearest one.

4

GET THE CONTRACT

AZUFA is always us

AZUFA is our platform: it connects you with German companies that recruit apprentices and follows your application through to the training contract.

Douala office

Rond-point Maetur Bonamoussadi – Nice Cream building (4th floor), opposite the COGENI hardware store, Douala, Cameroon

From German A1 to the first day of training in Germany

Each step is run by one of our structures. You keep the same contact from start to finish.

1 — **Check my eligibility**
The test is done online on our website or at our Douala office.
RUN BY CAMPUS GERMANY

2 — **Talk to an advisor**
Review your profile, your wishes and the chosen occupation.
RUN BY CAMPUS GERMANY

3 — **Learn German, from A1 to B2**
Courses adapted to your starting level, up to the required B2 level. In Douala at our own language centre; elsewhere, with our partner centres.
RUN BY DZK

4 — **Prepare the application file**
CV and cover letter in German, translated baccalaureate diplomas and transcripts, B2 level certificate.
RUN BY CAMPUS GERMANY

5 — **Find the company and sign the training contract**
We connect you with German companies that recruit apprentices, and follow your application through to the contract.
RUN BY AZUFA

6 — **Prepare the visa and paperwork**
Support to gather the documents and complete the administrative steps.
RUN BY CAMPUS GERMANY

7 — **Prepare your departure and settling in**
Travel, housing and first steps in Germany: we prepare you before you leave.
RUN BY KAGEDEV E.V.

8 — **First day of training in Germany**
You arrive prepared and supported, with a team that has known you since day one.
RUN BY AZUFA

Contact us

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