Vocational training in Germany (Ausbildung)

Electronics technician, crafts (Elektroniker/in)

Elektroniker / Elektronikerin

You install, commission and maintain electrical building systems or automated systems. A paid 3.5-year training, in a company and at vocational school.

LEVEL	DURATION	GERMAN	PAY DURING TRAINING
Baccalaureate	**3.5 years**	**B2**	**€979 to €1,201**
required	42 months	required level	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 an electronics technician does

The craft electronics technician designs and installs building or automated production systems, commissions them and maintains them. There are two specialisations: energy and building technology, or automation.

Install

Install power supply, lighting, climate control, monitoring and data network systems in buildings.

Program and configure

Program and configure the controls and regulation for heating, ventilation and air-conditioning systems.

Fix and maintain

Find the causes of faults, fix them and carry out maintenance on technical installations.

This occupation is for you if...

- ✓ you work carefully and always check the safety protections
- ✓ you have manual dexterity and good hand-eye coordination
- ✓ you like understanding how technical installations work
- ✓ you accept the responsibility of working on live components

Less suitable if...

- – you cannot stand working at customers' premises or on building sites
- – you dislike applied mathematics and physics
- – you do not want to follow electrical safety rules strictly

A TYPICAL DAY IN THE WORKSHOP

07:00 **Preparing the job** : The trainer presents the day's work and recalls the electrical safety rules.

08:00 **Reading plans and diagrams** : Study the diagrams of an installation and prepare the materials and tools needed.

09:30 **Laying and wiring** : Lay cables, wire components and connect an appliance at a customer's premises or in the workshop.

12:30 **Measuring and testing** : Measure electrical quantities and check the protective devices of the installation.

14:00 **Tracing a fault** : Analyse a system, locate the fault and correct it methodically.

16:00 **Commissioning and report** : Start up the installation, explain it to the customer and write the test documents.

Electrical installation · Component wiring · Measurement and safety tests · Control programming · Fault finding · Data networks · Care · Sense of responsibility · Caution · Technical understanding · Manual dexterity

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

Electrical basics

- Safety, plans and diagrams
- Assembling and wiring components
- Measurements on installations

Year 2

Systems and controls

- Networks and simple controls
- Fault analysis and repair
- Exam part 1 (18 months)

Year 3

Chosen specialisation

- Energy and building technology
- Or automation and systems
- Projects with real customers

Year 4 (6 months)

Final exam

- Commissioning systems
- Tests according to standards
- Final exam part 2

Exams and qualification

The journeyman's exam (Gesellenprüfung) has two parts. Part 1 takes place in the fourth half-year of training (the “electrotechnical installations and equipment” area); part 2, at the end of training, covers the customer order, system design, function analysis and economics and society. You obtain the Gesellenbrief, issued by the Chamber of Crafts (HWK).

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 at customers' premises, inside or outside buildings, or in the workshop; it demands dexterity, hand-eye coordination and care around live components.

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 electronics technician

Work in an electrical trades company, or in real estate (facility management, technical services).

WITH EXPERIENCE

Building energy adviser

Train as a building energy adviser (Gebäudeenergieberater) or take business management courses.

LONGER TERM

Meister or university

Work towards the Meister (master craftsman), which also allows study without the general baccalaureate.

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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