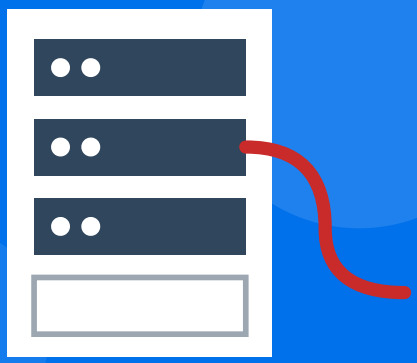
Vocational training in Germany (Ausbildung)

IT systems electronics technician (IT-System-Elektroniker/in)

IT-System-Elektroniker / IT-System-Elektronikerin

You install, configure and troubleshoot IT networks and equipment while paying close attention to electrical safety: a paid 3-year training split between a company and vocational school.



LEVEL	DURATION	GERMAN	PAY DURING TRAINING
Baccalaureate	**3 years**	**B2**	**€1,219 to €1,376**
required	36 months	required level	gross / month, during the training

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

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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 IT systems electronics technician does

They design, install and commission IT systems and networks, connect equipment to the power supply, advise customers and repair faults in the infrastructure.

Install

Choose hardware and software, assemble the devices, configure them and put them into service at the customer's site.

Secure

Check electrical safety and apply data protection rules and IT security measures.

Advise and repair

Explain the system's possibilities to customers, locate faults and restore normal operation.

This occupation is for you if...

- ✓ you enjoy understanding how computers, networks and electrical circuits work
- ✓ you are meticulous, especially about safety and data protection
- ✓ you like explaining a technical solution to a customer
- ✓ you are ready to keep learning as technologies change

Less suitable if...

- – you only want to write code at a screen, without touching hardware
- – you dislike changing workplace or visiting customers
- – you struggle with strict electrical safety rules

A TYPICAL DAY IN THE WORKSHOP

08:00 **Briefing on the day's requests** : The trainer presents the planned jobs and reminds you of the safety instructions to follow.

08:45 **Setting up a workstation** : Choose the components, install the system and configure the workstation to the customer's request.

10:30 **Connecting and checking power** : Connect devices to the power supply and check electrical safety with measuring instruments.

13:00 **Configuring a network** : Commission network components and test the connection between the different workstations.

14:30 **Tracking down a fault** : Isolate the cause of a malfunction, fix it and record the intervention in the file.

16:00 **Instructing the user** : Explain to the customer how to use the workstation, including the safety and data protection rules.

IT system installation | Network configuration | IT security | Electrical measurements | Fault diagnosis | Customer advice | Rigour | Service mindset | Technical curiosity | Caution | Communication

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

- Hardware, networks and IT tools
- Electricity basics and safety
- Installing and configuring a workstation

Year 2

Going deeper

- Networks and data transmission
- Power supply and electrical measurement
- Part 1 of the final exam

Year 3

Independence

- Project carried out in a company
- Installation and customer service
- Part 2 of the final exam

Exams and qualification

The final exam (Abschlussprüfung) has two parts. Part 1, in the fourth semester, is a 90-minute written test on setting up an IT workstation. Part 2 takes place at the end of training: a company project with a presentation, then written papers. You obtain the IHK final certificate from the Chamber of Commerce and Industry.

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 alternates between offices, workshops, data centres and customer visits, sometimes in shifts; it calls for caution 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

Job in IT

Work for a manufacturer, a service provider or in the IT department of a company.

WITH EXPERIENCE

Technician (Techniker)

Train as an IT technician, with a specialisation in network technology.

LONGER TERM

Studies or self-employment

With university entrance qualification: a bachelor's in electrical engineering; or open a computer shop.

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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