

**1. TITLE OF THE CERTIFICATE (DE) (1)**

**Gesellenprüfung im staatlich anerkannten Ausbildungsberuf  
Informationselektroniker/-in**

(1) in original language

**2. TRANSLATED TITLE OF THE CERTIFICATE (EN)(1)**

**journeyman's examination in the state-recognized training occupation Information  
electronics technician**

(1) This translation has no legal status.

**3. PROFILE OF SKILLS AND COMPETENCES**

- Analyse information technology and telecommunications systems
- Measure and analyse physical parameters of systems
- Plan and project work
- Assemble, install and integrate systems
- Parameterise, commission and hand over
- Install, programme, set up and test software
- Operate and administer
- Secure the operation of information technology and telecommunications systems
- Implement and integrate data privacy and information security concepts
- Maintain, repair, operate and optimise
- Carry out operational and technical communication and process information
- Plan and organise work
- Implement quality assurance measures
- Advise and look after customers
- Check and comply with data privacy and information security concepts
- Check and assess protective measures for electrical plants and equipment.

**4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE (1)**

Information electronics technicians plan and install information technology and telecommunications systems. They provide services from a single source and work for installation and service companies. They mainly work for electrical and information technology companies in the craft trades sector but may also find employment with firms operating in other sectors. Information electronics technicians are deployed in the following areas: Equipment, IT and office systems technology, transmission, reception and broadband technology, security and hazard detection technology, telecommunications.

(1) if applicable

**(\*) Explanatory notes**

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information on transparency is available at: [www.europass.cedefop.eu.int/transparency](http://www.europass.cedefop.eu.int/transparency)

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## 5. OFFICIAL BASIS OF THE CERTIFICATE

<b>Name and status of the body awarding the certificate</b>  Chamber of Crafts and Trades	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b>  Chamber of Crafts and Trades
<b>Level of the certificate (national or international)</b>  ISCED 354 This qualification corresponds to Level 4 of the German and European Qualifications Framework; cf. publication from 1 August 2013 (BANZ AT 20/11/2013 B2)	<b>Grading scale / Pass requirements</b>  100-92 points = 1 = excellent 91 - 81 points = 2 = good 80 - 67 points = 3 = average 66 - 50 points = 4 = pass 49 - 30 points = 5 = poor 29 - 0 points = 6 = fail  A total of at least 50 grade points are required to pass the examination.
<b>Access to next level of education / training</b>  Master craftsman qualification in electrical engineering, state certified technician in the relevant specialisms, certified IT consultant, certified IT developer, certified IT economist, certified IT project leader, state certified information technologist, master craftsman qualification in information technology, specialist clerk for commercial management	<b>International agreements</b>  In the field of vocational training, joint declarations on the comparability of qualifications obtained in the respective vocational training systems have been signed on the basis of bilateral agreements concluded between Germany and France and between Germany and Austria.
<b>Legal basis</b> Ordinance on Initial Vocational Education and Training in the Occupation of Information electronics technician of 03/30/2021 (Federal Law Gazette, Part I, p 662)	

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Final examination administered by the competent body: 1. after completion of dual training in a company and at part-time vocational school (normal procedure) 2. after retraining in a recognized training occupation 3. as an external examination for working people without formal vocational qualifications or persons who have been trained at full-time vocational schools or other vocational training institutions
<b>Additional information</b>  <b>Entry requirements:</b> Entry requirements are not governed by legislation; as a rule, young people are admitted after completing (nine or ten years of) general education. <b>Duration of training:</b> 3,5 years. <b>Training in the "dual system":</b> The knowledge, skills and competences delivered in a training occupation are based on the typical requirements of work processes and prepare the trainees for a specific job as well as for further qualifications. <b>The training is provided in a company and at vocational school:</b> Trainees spend 75% of the duration of training in the company. Here they acquire practical skills in a real working environment. Trainees complete 25% of training time in vocational school where they are taught general and vocational knowledge as it relates to their training occupation.  <b>More information</b> is available at: <a href="http://www.berufenet.de">www.berufenet.de</a> <a href="http://www.europass-info.de">www.europass-info.de</a>