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

Lehrabschlussprüfungszeugnis Informationstechnologie – Schwerpunkt Betriebstechnik
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(1) in original language

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

Certificate of Apprenticeship 'Information Technology Specialising in Plant Technology' (f/m)

(2) This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES.

- selection, setting up, synchronisation and commissioning of (also mobile) user end devices and peripheral devices as well as configuration of terminals
- selection and commissioning of new network components
- monitoring and ensuring of the performance of networks and proposal, planning, implementation and testing of adaptation and development measures in the network
- design and planning of data storage systems as well as implementation and testing of data storage systems including backup solutions
- analysis of existing and future security risks, design and planning of security measures to minimise risks, and implementation and testing of security measures
- configuration of server systems and their basic services, testing of the configuration
- development of authorisation concepts taking into account networked communication (telephone, printing, company applications) as well as setting up directory services taking into account data protection, data security and access requirements
- evaluation, selection and integration of cloud services into existing networks
- configuration and commissioning of services (groupware) to support group work
- cooperation in the planning and setup of new environments (design, architecture, sizing, integration into the application landscape, installation and configuration) as well as participation in the error analysis of the company's IT landscape
- development of accesses to a database with suitable query languages
- development of testing and versioning concepts for efficient development of new applications as well as execution of tests and documentation of the test results in a test protocol
- implementation and testing of user interfaces for applications
- preparation of user manuals and documentation of all work and tests based on the company-specific quality management
- provision of information, advice, support and, if necessary, training to customers or users and offering of the company-specific services
- appropriate written and oral command of language and mode of expression as well as use of job-related foreign language

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE (3)

Range of occupations:
Employment including in companies with automated or computer-controlled production in all sectors

(3) if applicable

5. OFFICIAL BASIS OF THE CERTIFICATE	
Name and status of the body awarding the certificate Lehrlingsstelle der Wirtschaftskammer (Apprenticeship Office of the Economic Chamber; for the address, see certificate)	**Name and status of the national/regional authority providing accreditation/recognition of the certificate** Bundesministerium für Arbeit und Wirtschaft (Federal Ministry of Labour and Economy)
Level of the certificate (national or international) NQF/EQF 4 ISCED 35	**Grading scale / Pass requirements** Overall performance: Pass with Distinction Good Pass Pass Fail
Access to next level of education/training Access to the *Berufsreifeprüfung* (i.e. certificate providing university access for skilled workers) or a vocational college for people under employment. Access to relevant courses at a *Fachhochschule* (i.e. university level study programme of at least three years' duration with vocational-technical orientation); additional examinations must be taken if the educational objective of the respective course requires it.	**International agreements** Between Germany, Hungary, South Tyrol and Austria, international agreements on the mutual automatic recognition of apprenticeship-leave examinations and other vocational qualifications have been concluded. More information on this topic may be obtained at the Austrian Federal Ministry of Labour and Economy.
Legal basis 1. Training Regulation and Examination Regulation for Information Technology BGBl. II (Federal Law Gazette) No. 222/2018 (company-based training) 2. Curriculum framework (education at the vocational school for apprentices) 3. The present apprenticeship trade replaces the apprenticeship trade Information Technology specialising in Technology (Training and Examination Regulation BGBl. II [Federal Law Gazette] No. 149/2006), which expired as of 31.10.2018.	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE
1. Training within the framework of the given Training Regulation for Information Technology and of the curriculum of the vocational school for apprentices. Admission to the final apprenticeship examination upon completion of the apprenticeship period specified for the apprenticeship trade concerned. The final apprenticeship examination aims to establish whether the apprentice has acquired the skills and competences required for the respective apprenticeship trade and is able to carry out the activities particular to the learned trade herself/himself in an appropriate manner. 2. Admission to the final apprenticeship examination in accordance with Article 23 (5) of the *Berufsausbildungsgesetz* (Vocational Training Act). An applicant for an examination is entitled to sit the final apprenticeship examination without completing a formal apprenticeship training if she/he has reached 18 years of age and is able to prove acquisition of the required skills and competences by means of a relevant practical or an on-the-job training activity of appropriate length, by attending relevant courses etc.

Additional information:

Entry requirements: successful completion of 9 years of compulsory schooling

Duration of training: 4 years

Enterprise-based training: Enterprise-based training comprises $^4/_5$ of the entire duration of the training and focuses on the provision of job-specific skills and competences according to Article 3 of the Training Regulation, BGBl. II (Federal Law Gazette) No. 222/2018, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above.

Education at vocational school: School-based education comprises $^1/_5$ of the entire duration of the training. The vocational school for apprentices has the tasks of imparting to apprentices the basic theoretical knowledge, of supplementing their enterprise-based training and of widening their general education within the framework of subject-oriented part-time instruction.

More information (including a description of the national qualification system) is available at:
www.zeugnisinfo.at and www.edusystem.at