

**1. TITLE OF THE CERTIFICATE (DE) <sup>(1)</sup>**

**Lehrabschlussprüfungszeugnis Applikationsentwicklung-Coding**

<sup>(1)</sup> in original language

**2. TRANSLATED TITLE OF THE CERTIFICATE (EN) <sup>(2)</sup>**

**Certificate of Apprenticeship 'Application Development Coding' (f/m)**

<sup>(2)</sup> This translation has no legal status.

**3. PROFILE OF SKILLS AND COMPETENCES**

- definition of the goals and elaboration of the system requirements (considering different end devices, user friendliness, accessibility, benefits, costs, possible problems) of the customers including suitable acceptance criteria
- provision of advice to customers on possible design variants, including by means of agile methods to take customer change requests into account
- programming/encoding of applications or application parts using test methods and taking into account later changeability, extensibility, usability, efficiency, error handling, maintainability, data protection requirements and license rules
- implementation of test methods and execution of tests (including procurement of test data, creation of test cases, ensuring that all functions are tested), documentation of test results in a test protocol, evaluation of test results and derivation of measures if necessary (e.g. troubleshooting)
- implementation of user interfaces for applications
- preparation of technical documentation (e.g. FAQ, manuals, context-sensitive help) and assistance for users and roll-out of applications (e.g. user training, handover, acceptance)
- Identification and analysis of data and development of suitable data models as well as formulation of test data and implementation of data models in a database
- development of accesses to a database with suitable query languages
- provision of information, advice, support and, if necessary, training to customers and users as well as provision of offers of the company's services
- implementation of projects (creation of time and resource planning, placement of partial orders, presentation of solutions, alignment of the project status with other team members, preparation of project reports)
- 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 <sup>(3)</sup>**
**Range of occupations:**

Employment including in software development companies, multimedia agencies as well as IT and software departments of larger companies in all industries

<sup>(3)</sup> if applicable

**(\*) Explanatory note**

This document has been developed with a view to providing additional information on individual certificates; it has no legal effect in its own right. These explanatory notes refer to the Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass).

More information on Europass is available at: <http://europass.cedefop.europa.eu> or [www.europass.at](http://www.europass.at)

5. OFFICIAL BASIS OF THE CERTIFICATE	
<b>Name and status of the body awarding the certificate</b>  Lehrlingsstelle der Wirtschaftskammer  (Apprenticeship Office of the Economic Chamber; for the address, see certificate)	<b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b>  Bundesministerium für Arbeit und Wirtschaft  (Federal Ministry of Labour and Economy)
<b>Level of the certificate (national or international)</b>  NQF/EQF 4 ISCED 35	<b>Grading scale / Pass requirements</b>  Overall performance: Pass with Distinction Good Pass Pass Fail
<b>Access to next level of education/training</b> Access to the <i>Berufsreifeprüfung</i> (i.e. certificate providing university access for skilled workers) or a vocational college for people under employment. Access to relevant courses at a <i>Fachhochschule</i> (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.	<b>International agreements</b> 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.
<b>Legal basis</b> 1. Training Regulation and Examination Regulation for Application Development Coding BGBl. II (Federal Law Gazette) No. 223/2018 (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 Informatics (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 in the framework of the given Training Regulation for Application Development Coding 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 <i>Berufsausbildungsgesetz</i> (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.
<b>Additional information:</b>  <b>Entry requirements:</b> successful completion of 9 years of compulsory schooling  <b>Duration of training:</b> 4 years  <b>Enterprise-based training:</b> Enterprise-based training comprises $\frac{4}{5}$ 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. 223/2018, enabling the apprentice to exercise qualified activities as defined by the profile of skills and competences specified above.  <b>Education at vocational school:</b> School-based education comprises $\frac{1}{5}$ 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 in the framework of subject-oriented part-time instruction.  <b>More information</b> (including a description of the national qualification system) is available at: <a href="http://www.zeugnisinfo.at">www.zeugnisinfo.at</a> and <a href="http://www.edusystem.at">www.edusystem.at</a>

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