CERTIFICATE SUPPLEMENT(*)

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1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Applicatieontwikkelaar
Kwalificatiedossier: Applicatieontwikkelaar

In the original language

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2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Application developer
Qualification file: Application developer

This translation has no legal status

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3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of an Application developer are:

Core task 1: Developing applications
1.1   Determine information need
1.2   Deliver design of application
1.3   Draw up a plan
1.4   Arrange development environment

Core task 2: Realize applications
2.1   Create data collection
2.2   Realize applications
2.3   Test applications

Core task 3: Implement applications
3.1   Draw up en present implementation plan
3.2   Set up and implement acceptance test
3.3   Evaluate an implementation

Core task 4: Maintain applications
4.1   Maintain applications
4.2   Manage content
4.3   Document and archive (data regarding) applications

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4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

The Application developer works in companies that develop control software, application software, entertainment software and/or IT media products. These can be SMEs or large companies.

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5. OFFICIAL BASIS OF THE CERTIFICATE

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Name and status of the body awarding the certificate The certificate issued on completion of the programme is signed by the examination board at the school where the pupil attended the programme.	**Name and status of the national/regional authority providing accreditation/recognition of the certificate** Ministry of Education, Culture and Science
Level of the certificate (national or international) Qualification level 4 of the Dutch VET qualification structure Characteristics: non-job related skills such as tactical and strategic capacities. The professional bears his or her own responsibility, which is not only related to practical implementation in terms of monitoring and supervision, but also a more formal, organisational responsibility. The range of tasks also includes drafting new procedures. NLQF level 4 - EQF level 4 - ISCED 3A	**Grading scale / Pass requirements** 10 excellent 9 very good 8 good 7 very satisfactory 6 pass 5 fail 4 unsatisfactory 3 very unsatisfactory 2 poor 1 very poor
Access to next level of education/professions The Application developer can move on to a broader function, such as ICT manager. Via schooling or work experience he can grow into a function as application developer, programmer or application manager at the level of higher vocational education. With regard to perspectives in study career, the qualified Application developer has direct access to higher voca-tional education (hbo). Within hbo, there are possibilities to transfer to an ICT programme: Business information science, Information science, Technical information science and Information science services and management, or a programme in the field of game design.	**International agreements** The profession of Application developer is not regulated in the Netherlands. However the education and training for this profession on qualification level 4 is regulated under the European directive 2005/36/EC, amended by directive 2013/55/EU. The regulated education and training gives access to regulated professions at the level of a diploma according to article 11 of this directive.
Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 90020 The education and training for this qualification is offered as of August 1, 2008.	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
Senior secondary vocational education features two learning pathways: the school-based pathway (bol) and the training on the job pathway (bbl). In the school-based pathway, the majority of the course consists of theory at school. The extent of the practical component (vocational practice) is between 20% and 60%. In the training on the job pathway, the extent of vocational practice is at least 60% of the course. The participant works four days a week in a training company, and attends school for theory subjects just one day a week. In principle it is possible to follow both learning pathways, but which pathway is offered will depend on the individual educational institution.	
Average duration of the education/ training leading to the certificate	**4 year(s) (6400 study hours) (depending on previous education)**
Entry requirements The certificate preparatory vocational secondary education (vmbo) advanced vocational programme, combined programme, or theoretical programme, or a comparable level.	

7. ADDITIONAL INFORMATION
Dutch senior secondary VET is based on qualification files, that each contain one or more qualifications. The information in section 3 and 4 is drawn directly from the qualification file, that is composed by the Centre of Expertise. The complete qualification file is available at www.kwalificatiesmbo.nl , only in Dutch. Additional information, including a description of the Dutch national qualifications system, is available at the

7. ADDITIONAL INFORMATION
Netherlands National Reference Point (NRP) for VET: www.nlnrp.nl SBB has been appointed by the Ministry of Education, Culture and Science as NRP.