CERTIFICATE SUPPLEMENT (*)

the Netherlands

1. TITLE OF THE CERTIFICATE (NL)
Diploma Beroepsonderwijs **Kwalificatie: Applicatie- en mediaontwikkelaar** **Kwalificatiedossier: Applicatieontwikkeling** In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)
Certificate Senior Secondary Vocational Education **Qualification: Application and media developer** **Qualification file: Application development** This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES
The most important duties of an Application and media developer are: Core task 1: Contributes to the developmental process 1.1 Determines the assignment 1.2 Contributes to the project plan 1.3 Contributes to the design 1.4 Prepares the realisation Core task 2: Realises and test (parts of) a product 2.1 Realises (part of) a product 2.2 Tests the developed product Core task 3: Delivers a product 3.1 Optimises the product 3.2 Evaluates the delivered product 3.3 Delivers the product Core task 4: Maintains and manages the application 4.1 Maintains an application 4.2 Manages data

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE
Application and media development takes place at various companies in the ICT and game sector. These sectors are oriented internationally as well as nationally. An Application and media developer works within the broad ICT sector, but also in the creative sector. Development within the ICT sector takes place at ICT service companies, media companies and the ICT department of other companies.

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5. OFFICIAL BASIS OF THE CERTIFICATE	
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 There are ways to develop through an ICT or media technology education within higher professional education: Business computer science, Computer science, Technical computer science, Information service and management, Multimedia design, Digital communication or Computer game development. In the media sector there is also a Management education in higher profession education. There are connecting educations in private education within education structures of Microsoft and Exin among others. After additional education or based on work experience, an Application and media developer can develop to a function such as developer or programmer on a higher professional education level. This can also be a specialised function, such as senior media developer or application manager. Through expansion of knowledge, he can develop to become an general worker or to a supervising function, such as project manager, team leader, department head, CTO, studio manager or coordinator.	**International agreements** The profession of Application and media 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): 25187 The education and training for this qualification is offered as of August 1, 2015.	

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	**3 years (4800 study hours) (depending on previous education)**

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6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE
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 included in part 3 and 4 is derived directly from the qualification file determined by the Minister of Education, Culture and Science. The complete qualification file can be found at http://kwalificaties.s-bb.nl/, only in Dutch. Optional subjects are linked to the qualification. The optional subjects have a total size of 15% of the course duration. The optional subjects completed by the student are listed on the certificate. Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP): www.s-bb.nl. The NRP is the information centre for vocational qualifications in the Netherlands. SBB has been appointed in this capacity by the Ministry of Education, Culture and Science.

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