europass

CERTIFICATE SUPPLEMENT (*)

the Netherlands

1. TITLE OF THE CERTIFICATE (NL)
Diploma Beroepsonderwijs **Kwalificatie: Software developer** **Kwalificatiedossier: Software development** In the original language

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

3. PROFILE OF SKILLS AND COMPETENCES
The most important duties of a Software developer are: Core task 1: Creating software 1.1 Plans tasks and monitors progress 1.2 Designs software 1.3 Creates (parts of) software 1.4 Tests software 1.5 Issues software improvement proposals Core task 2: Working in a development team 2.1 Holds discussions 2.2 Presents the resultant work 2.3 Reflects on the work

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE
Software development takes place in a wide variety of businesses and institutions in practically every sector of the economy. These organisations may be nationally or internationally oriented. The Software developer can be employed in small, medium-sized and large enterprises, profit and non-profit organisations, (commercial) businesses and (semi-)government bodies. Depending on the size and/or structure of the organisation, the work of the Software developer takes place within a (multidisciplinary) development team.

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

5. OFFICIAL BASIS OF THE CERTIFICATE	
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 For the Software developer, there are opportunities within higher professional education for progression to a related IT study programme, for example Business IT & Management, ICT, Technical Information Science, Security Management or an Associate Degree programme. In the media field, too, there are opportunities for transfer for example to the study programme Media and Entertainment Management. There are also follow-up programmes in private education.	**International agreements** The profession of Software 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 Adult and Vocational Education Act (WEB), registered number of qualification (crebo): 25604 The education and training for this qualification is offered as of August 1, 2020.	

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 years (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 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.