

Certificate Supplement



Description of the vocational education and training programme for
Data technician

Title of certificate in Danish

Uddannelsesbevis for **Datatekniker**

Translated title of the certificate

Data technician

Profile of skills and competences

A qualified data technician is able to:

- install, maintain and check PCs, servers and networks with associated peripheral units up to an including systems or model level as well as computer controlled systems of varying complexity down to module level (in certain areas to component level) and to detect and correct errors on PCs, servers, networks, etc (hardware and software);
 - provide satisfactory advice and instructions to customers concerning the use of hardware and software;
 - develop and install hardware and software solutions unsupervised or as a member of a project group;
 - select testing equipment, measuring devices and diagnostic programs and, together with documentation, use them to carry out error detection and correction as well as quality assessment of hardware and software;
 - develop programs in connection with error detection and measuring assignments and assist in writing diagnostic programs;
 - prepare technical documentation and user documentation and instruct users in the use of computer systems and software both in Danish and English
- in accordance with directions and current safety regulations.

A trained data technician has experience in:

- Assembling, installing, maintaining and controlling systems, machines and products as well as detecting and correcting errors.
 - Using the tools of the trade as well as testing and measuring equipment.
 - Planning work processes.
 - Preparing technical documentation, user documentation and instructions.
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Range of occupations accessible to the holder of the certificate

Qualified data technicians mainly maintain, repair and develop hardware and software and prepare software specifications. They typically work in service organisations that service the computer systems of other companies, or they work as data controllers/managers in private companies or in the public sector.

In the future, data engineers will increasingly work with development, since the number of repairs will decline, as it will often be more cost effective for a customer to buy new hardware rather than having existing hardware repaired. In addition servicing requirements will increase, primarily in the field of network administration.

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Duration and mode of education and training

The total duration of the education and training programme 5 years, with 75 weeks of formal education and training and 185 weeks of on-the-job training.

Danish vocational education and training programmes are alternating programmes, which means that the education and training activities alternate between education and training at a school and on-the-job training in an enterprise.

Level of certificate

The training programme is a vocational education programme which is placed in:

The Danish qualification framework for life-long learning at level: 4

European Qualification Framework (EQF) at level: 4

Access to the next level of education/training

The education and training described in this certificate gives access to continuing and further vocational education and training in Denmark.

Name and status of the body awarding the certificate

Metalindustriens Uddannelsesudvalg

Vesterbrogade 6 D, 4. Sal

1780 København V

In pursuance of an order issued by the Danish Ministry of Education, the awarding authority is authorised to issue a certificate concerning this education and training program.

Grading scale

For training certificates issued after 1 August 2007, the 7-point grading scale is used. The 7-point grading scale is equivalent to the ECTS scale so that the grade 12 corresponds to A, 10 corresponds to B, 7 corresponds to C, 4 corresponds to D, 02 corresponds to D, 00 corresponds to F+ and -3 corresponds to F.

The 13-point grading scale is used for training certificates issued before 1 August 2007, after which it was replaced by the 7-point grading scale.

Additional information

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Explanatory note

The purpose of this document is to explain the contents of the certificate. Wherever possible the various sections of the descriptions are based of the recommendations given in 2241/2004/EC of the European Parliament and Council of 15 December 2004 on a single Community framework for the transparency of qualifications and competences (Europass).