

**Title of the qualification (FI, SV)**

Tieto- ja viestintätekniiikan perustutkinto
Grundexamen i informations- och kommunikationsteknik
Qualification requirements entered into force on 01.08.2020 (OPH-2596-2019)

Translated title of the qualification (EN)

Vocational qualification in Information and Communications Technology

This translation has no legal status.

Profile of skills and competences**Composition of the qualification**

The scope of the vocational qualification in information and communications technology is 180 competence points. The qualification is composed of vocational units (145 competence points) and common units (35 competence points).

Of the vocational units, the scope of compulsory units is 70-115 competence points and the scope of optional units 30-75 competence points. The vocational qualification in information and communications technology comprises the following qualification titles:

- Electronics Assembler
- Welfare Technology Installer
- Network Installer
- IT Support Specialist
- Software Developer.

Vocational skills and competences required for completion of the qualification

Holders of a vocational qualification in information and communications technology have the vocational skills required for carrying out tasks in the field of information and communications technology and are able to work co-operatively in environments related to information and communications technology. Qualification holders know how to use the vocabulary specific to the field, find out the customer's needs and make customer-oriented decisions in tasks related to information and communications technology. They ensure that the final result meets the requirements set for the work.

Range of occupations accessible to the holder of the certificate

Electronics Assemblers can perform installation, testing and servicing tasks related to electronic installations. They know how to handle the components and materials required in electronic installations and use the required tools and measuring devices.

Welfare technology installers are able to work according to the operating principles and values of the social and healthcare sector. They know how to install safety device systems and wellbeing technology systems and how to use wellbeing technology to maintain the customer's functional capacity. They guide the customer in the use of wellbeing technology and ensure that the equipment can be used safely.

Network installers are able to install the cabling for data networks according to the customer's requirements and instructions. They pay attention to the structures of the data networks and the

materials used and carry out the measurements and tests required to ensure the operation of the system.

IT support specialists are able to work in an information and communications technology environment consisting of workstations, network devices and accessories and areas of operation. They work as part of information management and help users in different technical problems in the customer's premises or through a remote connection.

Software developers are able to carry out programming, utilise interfaces, handle data and use version management. When working as members of a software development team, they communicate with the customer, plan the implementation of the software and ensure the quality of the implemented functionalities.

The structure and content of the vocational qualification in information and communications technology has been designed so that qualification holders who have completed the unit Operating in the field of electrical engineering and automation technology have a training that has been determined applicable for limited Electrical qualification 3.

Official basis of the certificate

Name and status of the body awarding the certificate

An education provider with an authorisation to provide education and award qualifications granted by the Ministry of Education and Culture.

Name and status of the national/regional authority providing accreditation/recognition of the certificate

Ministry of Education and Culture
Finnish National Agency for Education, the national agency subordinate to the Ministry of Education and Culture

Level of the certificate (national or international)

National Qualifications Framework (nqf) 4
European Qualifications Framework (eqf) 4
ISCED 3

Grading scale/Pass requirements

Satisfactory 1 / Satisfactory 2 / Good 3 / Good 4 / Excellent 5

Access to the next level of education/training

The qualification confers eligibility for higher education studies.

International agreements

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Legal basis

Vocational Education and Training Act 531/2017 and the decrees that complement it.

Officially recognised ways of obtaining the certificate

The vocational skills required for completing the modules are demonstrated by performing practical tasks in authentic situations and work processes (demonstration of knowledge and skills). The student's knowledge and skills are assessed diversely by a teacher and a working life representative and compared to the competence defined in the qualification requirements. The education provider awards the student a qualification certificate once the qualification has been completed acceptably in accordance to the qualification requirements laid down by the Finnish National Agency for Education.

Entry requirements

No formal qualifications are required to take the competence test.

Additional information

Finnish National Agency for Education
P.O. Box 380, FI-00531 Helsinki, Finland
www.oph.fi

Explanatory note

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

For more information on transparency, visit <http://www.cedefop.europa.eu/en/themes/understanding-qualifications>

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