

Further information to the competence profiles of the Finnish team

Bezirksregierung Köln
EU-Geschäftsstelle
Zeughausstraße 2-10
50667 Köln

1. Legal name of the programme

Vocational Qualification in Electrical and Automation Engineering, 120 credits,

Study Programme/Competence Area in Electrical and Automation Engineering,

Automation Assembler/Electrician

2. Duration

The compulsory modules for all candidates are basic skills in electrical and automation engineering (30 cr.) and electrical and automation installations (20 cr.).

In addition, candidates taking the Study Programme/Competence Area in Electrical and Automation Engineering specialising as Electricians must also take the electrical engineering and energy technology module (20 cr.). Those taking the Study Programme/Competence Area in Electrical and Automation Engineering specialising as Automation Assemblers must also take either manufacturing automation (20 cr.) or process automation (20 cr.). The qualification includes optional modules that

support vocational specialisation, such as automation and information systems in properties and electrical network installations. Furthermore, it is possible to choose modules from other vocational, further and specialist qualifications. In addition, students on curricular (school-based) upper secondary VET programmes may also take qualification modules developed to meet the needs of the local world of work.

The total scope of vocational qualification modules is 90 credits (scopes do not apply to competence-based qualification modules). In addition, students on curricular (school-based) upper secondary VET programmes must take 20 credits of core subjects and 10 credits of free-choice qualification modules. Students may individually choose modules to expand the qualification.

Usually school based education and training takes 3 years.

3. Liability to charges (free or restrictions)

Free

4. Position of national vocational training system (initial or further education)

EU classification level 3
Upper secondary level, ISCED 3

Level four suggested, not yet certified

5. Learning Locations (school, company, practical training)

School + work placement (min. 20 cr) in companies

6. Organisation responsible for this VET-programme (chamber, government...)

Ministry of Education and Culture

Finnish National Board of Education, a central administrative board operating under the auspices of the Ministry of Education and Culture

7. Preliminary to take part

The syllabus of basic education (primary and lower secondary levels) or a corresponding previous syllabus in curricular upper secondary vocational education and training.

Competence-based qualifications may be completed irrespective of how the vocational skills and competences have been obtained. No formal entry requirements have been specified for those participating in competence tests.

8. Additional competences which are part of this program

Core subjects (languages, maths etc.) are included in the study program

9. Examinations

Tests and Skills Demonstrations

10. Persons/Organisations responsible for the examinations

In Initial education: teacher, in Adult education trainee responsible for the study programme.

11. Certificates

In Initial Education: the school, in Adult education: the Qualification Committee appointed by the Finnish National Board of Education

12. What the certificates entitle to...

To continue studies in polytechnics and universities, to start own company, to start working

13. Statistics of the graduates (if possible)