



1. Title of the certificate – Yrkeshögskoleexamen ¹

DevOps Engineer

2. Translated title of the certificate – Higher Vocational Education Diploma ²

DevOps Engineer

3. Knowledge, Skills and Competence Profile

The holder of the certificate has:

Knowledge of the theoretical and practical use of various tools for working in a modern container-based operating environment in both on premises data centres and cloud environments, within the professional role of a DevOps Engineer.

Knowledge of, and an overview of, related professional and competence areas such as IT security.

Knowledge of other, older technologies used for operating applications and services.

Knowledge of how to develop a business and cost aware approach to the application of IT systems.

Knowledge of how to develop a security conscious way of working.

Knowledge of how to demonstrate an understanding that different users have different needs, and the ability to adapt technical solutions accordingly to suit the user.

Knowledge of how to demonstrate an understanding of how open standards influence the choice of technical solution.

Skills in planning and identifying resources required to carry out specialised tasks within operations, security, and system administration in the professional role of a DevOps Engineer.

Skills in preparing and performing installations, including installing the Linux operating system for server use and Kubernetes clusters for container administration, as well as documenting administrative tasks and proposing advanced configurations.

Skills in planning and applying functionality within Linux, Kubernetes, database servers, and cloud environments.

Skills in identifying and developing a container based solution based on customer needs.

Skills in analysing, relating to, and applying functionality in the Python programming language, and in developing solutions for complex problems within container technology, CI/CD pipelines, and security in the professional role of a DevOps Engineer.

Skills in applying a systematic and analytical approach to work, both independently and in groups, when working with Linux and Kubernetes, as well as planning for a cost effective and solution oriented approach both internally and in customer interactions related to container technology.

Skills in communicating commitments and solutions related to security awareness and system architecture in the professional role of a DevOps Engineer, in both Swedish and English.

Competence to independently analyse and use various technologies in a manner that supports lifelong learning and responsible, professional development in the role of a DevOps Engineer.

Competence to monitor the implementation of a technical server environment based on container

4. Range of occupations accessible to the holder of the certificate ³

DevOps Engineer, Linux System Administrator, Platform Engineer, Site Reliability Engineer

¹ In the original language. | ² If applicable. This translation has no legal status. | ³ If applicable.

5. Official basis of the certificate

Name and address of the awarding institution

Lernia Utbildning AB
Box 446
101 28 Stockholm

Authority providing accreditation / recognition of the certificate

The Swedish National Agency for Higher Vocational Education
Box 145
721 05 Västerås, Sweden
www.myh.se

Level of the certificate (national or European) ¹

Level 5 in the National Qualifications Framework (SeQF)
Level 5 in the European Qualifications Framework (EQF)

Grading scale / Pass requirements

Fail (icke godkänt – IG)
Pass (Godkänt – G)
Pass with distinction (Väl godkänt – VG)

Access to next level of education / training ¹

International agreements on recognition of qualifications ¹

The Higher Vocational Certificate requires a minimum of a Pass (Godkänt) in all courses.

Legal basis

A Higher Vocational Education Certificate is awarded if the study programme comprises a minimum of 200 Higher Vocational Education credits (HVE credits). Five HVE credits correspond to one week of full-time studies.

6. Officially recognised ways of acquiring the certificate

Description of vocational education and training	Percentage of total programme (%)	Duration (/weeks)
College/education centre	80 %	64 weeks
Placement – learning in a work environment	20 %	16 weeks
Total duration of the education / training leading to the certificate		80 weeks

7. Additional information

Entry requirements ¹

Entry requirement is successful completion of upper secondary education.

More information (including a description of the national qualifications system)

For more information on higher vocational education, please visit the website of the Swedish National Agency for Higher Vocational Education: www.myh.se

National Europass Centre

[National Europass Centres | Europass](#)

¹ If applicable.