



### 1. Title of the certificate – Yrkeshögskoleexamen <sup>1</sup>

---

Certifierad CNC-tekniker

### 2. Translated title of the certificate – Higher Vocational Education Diploma <sup>2</sup>

---

Certified CNC Technician

### 3. Knowledge, Skills and Competence Profile

---

The holder of the certificate has:

Knowledge of programmable control systems for cutting machining.

Knowledge of preparations and work instructions from an economic perspective.

Knowledge of CAD/CAM as a working tool for production preparation.

Knowledge of projects as a work process and what is required to run a project.

Knowledge of materials and their machinability, as well as tool selection and clamping methods.

Skills in planning, completing and identifying resources to manufacture components with the customer's requirements in focus.

Skills in analysing programmes for computer-controlled production.

Skills in communicating commitments and solutions regarding production engineering problems.

Skills in solving complex problems within production engineering using different tools to systematically and factually improve and develop production processes, as well as utilising resources in terms of quality.

Competence to independently and together with others prepare, manufacture and inspect products according to the customer's requirements and specifications.

Competence to create programmes for CNC-controlled machines using different programming methods.

Competence to monitor and follow projects within CNC technical work so that set goals can be achieved with regard to work environment and ergonomics.

### 4. Range of occupations accessible to the holder of the certificate <sup>3</sup>

---

Certified CNC Technician, CAM Planner / CAM Programmer, CNC Operator, CNC Technician, Production Planner, Machining / Cutting Operations, Production Engineer

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

## 5. Official basis of the certificate

### Name and address of the awarding institution

Lernia Utbildning AB  
Box 787  
801 29 Gävle

### Authority providing accreditation / recognition of the certificate

The Swedish National Agency for Higher Vocational Education  
Box 145  
721 05 Västerås, Sweden  
[www.myh.se](http://www.myh.se)

### Level of the certificate (national or European) <sup>1</sup>

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 <sup>1</sup>

### International agreements on recognition of qualifications <sup>1</sup>

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	76 %	41 weeks
Placement – learning in a work environment	24 %	13 weeks
Total duration of the education / training leading to the certificate		54 weeks

## 7. Additional information

### Entry requirements <sup>1</sup>

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](http://www.myh.se)

### National Europass Centre

[National Europass Centres | Europass](#)

<sup>1</sup> If applicable.