



# CERTIFICATE SUPPLEMENT (\*)



Sweden

## 1. TITLE OF THE CERTIFICATE

**Hantverksprogrammet, ur-, mikro- och finmekanik**

## 2. TRANSLATED TITLE OF THE CERTIFICATE

**Handicraft Programme, time-keeping, micro and precision mechanics**

This translation has no legal status.

## 3. PROFILE OF SKILLS AND COMPETENCES

### The holder of this document

- has a basic knowledge and experience of methods used in precision work in watch making, and micro and precision mechanics
- has a knowledge of materials, methods of processing and tooling machines used in the vocational area
- has a knowledge of the requirements and procedures when assembling and repairing watches, micro and precision apparatuses
- is able to write texts quickly and to print pricing posters and other types of information for display
- has a knowledge of culture and style and has a knowledge of how to date watches and clocks
- has a knowledge of the history, development and future possibilities in crafts
- is able to calculate time, materials and other costs for a product or an order
- is able to transform a drawing into a product based on the purchaser's specifications in terms of function, design, cost and quality
- is able to market, display and sell products as well as have a service-oriented approach
- is able to work in project forms, as well as with other occupational groups and in other areas
- is able to work in ergonomically correct ways with due regard to environmental factors, and also has knowledge of how the physical and mental working environment influences both the individual and companies
- has a basic knowledge of computer science

In addition, the holder of this document has knowledge at the upper secondary school level in Swedish, English, mathematics, arts, sports and health, science studies, religious studies and also civics.

## 4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

Completion of an upper secondary programme in timekeeping, micro and precision mechanics provides qualifications for work in most occupations involving small details with exacting requirements on accuracy and precision, such as: Watch makers, instrument makers, precision tool makers, locksmiths, camera operators

### (\*) Explanatory notes

This document is intended to provide additional information about the specified certificate and does not have any legal status in itself. It 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 10 July 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.

More information on transparency is available from: [www.cedefop.eu.int/transparency](http://www.cedefop.eu.int/transparency)

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### 5. OFFICIAL STATUS OF THE CERTIFICATE

<p><b>Name and status of the body awarding the certificate</b> Grade issued on completion of the programme by the head teacher at the school where the pupil attended the programme</p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b></p>
<p><b>Level of the certificate (national or international)</b> In Sweden no levels are used. The programme corresponds to Upper secondary level, namely ISCED 3.</p>	<p><b>Grading scale/Pass requirements</b> Fail (IG) Pass (G) Pass with distinction (VG) Pass with special distinction (MVG)</p>
<p><b>Access to next level of education/training</b> The programme provides basic eligibility for studies in higher education.</p>	<p><b>International agreements</b></p>
<p><b>Legal basis</b> Education Act SFS 1985:1100, Upper Secondary School Ordinance SFS 1992:394, Ordinance on the curriculum for the non-compulsory school system SKOLFS 1994:2, Ordinance on the special programme goals for the national programmes of the upper secondary school SKOLFS 1999:12.</p>	

### 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of vocational education and training received	Percentage of total programme (%)	Duration (hours/weeks/months/years)
• School/training centre	90.6	96 weeks
• Workplace based education	9.4	10 weeks
• Accredited prior learning		
Total duration of education/training leading to the certificate		<b>106 weeks / 3 years</b>
<p><b>Additional information</b> The programme covers a total of 2500 upper secondary school credits (25 credits correspond to one week of full-time studies), of which 750 credits in core subjects (general subjects), 1450 credits in subjects specific to a programme (vocationally oriented subjects) and also 300 credits as individual options. The holder of this document has within the framework of the group of subjects specific to the programme, completed project work corresponding to 100 credits.</p> <p>More information on the programme and the national education and qualification system can be obtained from the National Reference Point for Vocational Education and Training at <a href="http://www.senrp.se">www.senrp.se</a></p>		