HAUTE ÉCOLE SPÉCIALISÉE DE SUISSE OCCIDENTALE

Mathias Lassfolk

né le 29 novembre 1992,
a terminé avec succès ses études de Bachelor et obtient le titre de

Bachelor of Science HES-SO

en Microtechniques
avec orientation en Ingénierie horlogère

Ingénieur

Bachelor of Science HES-SO
in Microengineering,
major in Watch Engineering

Luciana Vaccaro
Rectrice

Philippe Grize
Directeur
Haute Ecole Arc Ingénierie

La HES-SO Haute école spécialisée de Suisse occidentale est un établissement de droit public autorisé par la Confédération suisse.
Numéro matricule: 16-859-829 Formation validée à Neuchâtel le 26 août 2019

Cambridge Assessment English

THE QUEEN'S AWARDS FOR ENTERPRISE: 2015

Cambridge English Level 3 Certificate in ESOL International (Proficiency)*

This is to certify that

MATHIAS LASSFOLK

has been awarded

Grade A

in the

Certificate of Proficiency in English

Council of Europe Level C2

Overall Score	**225**
Reading	225
Use of English	230
Writing	210
Listening	230
Speaking	228

F. Woodward

Francesca Woodward
Chief Executive

Date of Examination	**JUNE 2019**
Place of Entry	**AARGAU**
Reference Number	**196CH2678034**
Accreditation Number	**500/2429/2**

* This level refers to the UK National Qualifications Framework

Date of Issue 24/07/2019
Certificate Number A9910527

Regulated by Ofqual

For more information see http://register.ofqual.gov.uk

Cyrff dyfarnu cydnabyddedig
Cymwysterau Cymru Qualifications Wales
Recognised awarding body

02388074

DP844

PROFICIENCY

Proficiency is a general proficiency examination at Level C2 in the Council of Europe's Common European Framework of Reference (CEFR). It is at Level 3 in the UK National Qualifications Framework.

Results are reported using scores on the Cambridge English Scale and certificates are awarded to candidates who achieve the following grades:

Grade A - CEFR Level C2 (score 220-230)
Grade B - CEFR Level C2 (score 213-219)
Grade C - CEFR Level C2 (score 200-212)

Candidates who have not achieved a passing grade, but score between 180 and 199, receive a certificate stating they demonstrated ability at CEFR Level C1.

A † symbol next to the grade indicates that the candidate was exempt from satisfying the full range of assessment objectives in the examination.

The CEFR covers six levels of language proficiency. Research carried out by the Association of Language Testers in Europe (ALTE) shows what learners can typically do at each level. The table below gives examples of typical ability in each of the skill areas for CEFR Levels C2 and C1.

Level C2	**Listening and Speaking**	**Reading and Writing**
Overall general ability	CAN advise on or talk about complex or sensitive issues, understand colloquial references and deal confidently with difficult questions.	CAN understand various documents, including the finer points of complex texts, and CAN write letters and meeting notes with good expression and accuracy.
Social & Tourist	CAN understand detailed, complex discussions (for example in a radio interview). CAN talk about complex or sensitive issues without awkwardness.	CAN understand complex opinions/arguments as expressed in serious newspapers. CAN write letters on any subject with good expression and accuracy.
Work	CAN handle complex, delicate or contentious issues. CAN argue effectively for or against a case, and has sufficient language to be able to talk about/discuss most aspects of her/his work.	CAN understand reports and most articles including complex ideas expressed in complex language. CAN write quite lengthy reports with only the occasional, minor error, and without taking much longer than a native speaker.
Study	CAN understand colloquial asides and cultural allusions. CAN follow abstract argumentation, for example the balancing of alternatives and the drawing of a conclusion.	CAN access all sources of information quickly and reliably. CAN make accurate and complete notes during the course of a lecture, seminar or tutorial.
Level C1	**Listening and Speaking**	**Reading and Writing**
Overall general ability	CAN contribute effectively to meetings and seminars within own area of work or keep up a casual conversation with a good degree of fluency, coping with abstract expressions.	CAN read quickly enough to cope with an academic course, and CAN take reasonably accurate notes in meetings or write a piece of work which shows an ability to communicate.

Further information and examples of the ability statements can be found at www.alte.org

Any alteration to this certificate renders it invalid and use of an altered certificate could constitute a criminal offence.

We provide a Results Verification Service to help organisations and agencies quickly and securely validate candidates' examination results at https://cambridgeenglish.org/verifiers

We are Cambridge Assessment English. Part of the University of Cambridge, we help people learn English and prove their skills to the world.

haute école arc ingénierie
neuchâtel berne jura
www.he-arc.ch

AGILEACADEMY

ATTESTATION DE FORMATION

Monsieur Mathias LASSFOLK né le 29 novembre 1992
a terminé avec succès la formation

LEAN MANAGER YELLOW BELT

conformément à la norme NFX 06-091

Cette formation s'est déroulée sur 8 modules totalisant 20 heures de formation et d'exercices. Elle a été précédée par le visionnement d'e-learning et a fait l'objet de QCM délivrant des notes de maîtrise des outils Lean.

Philippe Grize
Directeur
Haute Ecole Arc Ingénierie

Neuchâtel, le 22 octobre 2019

XII

XI

I

KELLOSEPPÄKOULU

THE FINNISH SCHOOL OF WATCHMAKING

DIPLOMI

Mikromekaanikko

Mathias Lassfolk

Espoossa 29.pnä toukokuuta 2015

Rehtori Tiina Parikka

Opettaja Eemeli Pöysä

KELLOSEPPÄ KOULU

VI

VI

V

europass

CERTIFICATE SUPPLEMENT (*)

TITLE OF THE QUALIFICATION (FI)
TITLE OF THE QUALIFICATION (SV)

Kello- ja mikromekaniikan perustutkinto 120 ov,
Mikromekaniikan koulutusohjelma/osaamisala, mikromekaanikko (FI)

Tutkinnon perusteiden voimaantulopäivä 1.8.2010

TRANSLATED TITLE OF THE QUALIFICATION (EN)

Vocational Qualification in Watchmaking and Micromechanics, 120 credits,
Study Programme/Competence Area in Micromechanics, Micromechanic (EN)

Requirements of the Qualification entered into force on 1st August 2010

This translation has no legal status.

PROFILE OF SKILLS AND COMPETENCES

Composition of the qualification

*The compulsory qualification module for all candidates is **basic watchmaking and micromechanic work** (20 cr.). The compulsory modules of the Study Programme/Competence Area in Micromechanics (Micromechanic) are **servicing and repair of mechanical instruments** (20 cr.), **making mechanical instruments** (20 cr.) and **electronics work** (10 cr.). In addition, candidates must take optional modules that support vocational specialisation, such as working with precious metals and knowledge of gemmology and precious metals, turning materials into products, product development and CAD/CAM. 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.

Vocational skills and competences required for completion of the qualification

Those who have completed the qualification shall:

- *be aware of hygiene requirements governing their field;*
- *be able to work in a precise, punctual and reliable manner;*
- *know how to troubleshoot, repair, service and adjust micromechanical instruments;*
- *know how to make micromechanical instruments that require precision and their components;*
- *be able to work in product development teams and prototype manufacturing within the precision industry;*
- *be able to work in compliance with the principles of business operations and sustainability;*
- *be able to function proactively, co-operatively and in a quality-conscious and service-oriented manner;*
- *know how to draw up the necessary messages and work reports, making use of information technology;*
- *be able to assume responsibility for their own work, assess their own work performance and develop their vocational skills;*
- *be able to manage in work-related interactive situations in both national languages and in one foreign language.*

RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

Those who have completed the qualification may work for the electronics and instrumentation industry.

OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate	**Name and status of the national/regional authority providing accreditation/recognition of the certificate**
A vocational education and training provider authorised by the Ministry of Education and Culture. The qualification certificate for an upper secondary vocational qualification completed as a competence-based qualification is awarded by the Qualification Committee appointed by the National Board of Education.	*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*
Level of the certificate (national or international) *EU classification level 3* *Upper secondary level, ISCED 3*	**Grading scale/Pass requirements** *Excellent 3* *Good 2* *Satisfactory 1* *Lowest acceptable performance 1*
Access to the next level of education/training *The qualification confers eligibility to continue at higher education institutions.*	**International agreements**

Legal basis

Vocational Education and Training Act (630/1998); Vocational Education and Training Decree (811/1998)
Vocational Adult Education Act (631/1998); Vocational Adult Education Decree (812/1998)

OFFICIALLY RECOGNISED WAYS OF OBTAINING THE CERTIFICATE

By virtue of statutes, the qualification certificate may be obtained in one of three ways:
1. The qualification may be completed as upper secondary vocational education and training, where the studies primarily take place at an educational institution. The education and training also include practical studies at the educational institution as well as studies at a workplace with a scope of at least 20 credits. The qualification certificate is awarded by the education provider with an authorisation granted by the Ministry of Education and Culture to provide education and training.
2. The qualification may be completed as a competence-based qualification, where vocational skills are assessed regardless of how they have been acquired. The qualification certificate is awarded by the Qualification Committee appointed by the National Board of Education.
3. The qualification may be completed as apprenticeship training. In this case, 70–80% and 30–20% of studies take place at a workplace and at an educational institution respectively. The student has a fixed-term contract of employment. The qualification certificate is awarded by the education provider or by the Qualification Committee.

Entry requirements

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.

Additional information

Learning outcomes are assessed nationally by field, either based on samples or covering all students. The Finnish National Board of Education is responsible for national assessments of learning outcomes.
The statutory teaching qualifications required in upper secondary vocational education and training are a higher education degree and pedagogical studies with a scope of 35 credits. In addition, teachers of vocational studies are required to have three years of experience in their teaching field.
More information (including a description of the national qualifications system) is available at: www.oph.fi/info/recognition.

National Reference Point (NRP)

Finnish National Board of Education
P.O. Box 380
FI-00531 Helsinki, Finland
recognition@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.

More information on transparency is available by going to: www.cedefop.eu.int/transparency

OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the body awarding the certificate	**Name and status of the national/regional authority providing accreditation/recognition of the certificate**
A vocational education and training provider authorised by the Ministry of Education and Culture. The qualification certificate for an upper secondary vocational qualification completed as a competence-based qualification is awarded by the Qualification Committee appointed by the National Board of Education.	*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*
Level of the certificate (national or international) *EU classification level 3* *Upper secondary level, ISCED 3*	**Grading scale/Pass requirements** *Excellent 3* *Good 2* *Satisfactory 1* *Lowest acceptable performance 1*
Access to the next level of education/training *The qualification confers eligibility to continue at higher education institutions.*	**International agreements**

Legal basis

Vocational Education and Training Act (630/1998); Vocational Education and Training Decree (811/1998)
Vocational Adult Education Act (631/1998); Vocational Adult Education Decree (812/1998)

OFFICIALLY RECOGNISED WAYS OF OBTAINING THE CERTIFICATE

By virtue of statutes, the qualification certificate may be obtained in one of three ways:
1. The qualification may be completed as upper secondary vocational education and training, where the studies primarily take place at an educational institution. The education and training also include practical studies at the educational institution as well as studies at a workplace with a scope of at least 20 credits. The qualification certificate is awarded by the education provider with an authorisation granted by the Ministry of Education and Culture to provide education and training.
2. The qualification may be completed as a competence-based qualification, where vocational skills are assessed regardless of how they have been acquired. The qualification certificate is awarded by the Qualification Committee appointed by the National Board of Education.
3. The qualification may be completed as apprenticeship training. In this case, 70–80% and 30–20% of studies take place at a workplace and at an educational institution respectively. The student has a fixed-term contract of employment. The qualification certificate is awarded by the education provider or by the Qualification Committee.

Entry requirements

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.

Additional information

Learning outcomes are assessed nationally by field, either based on samples or covering all students. The Finnish National Board of Education is responsible for national assessments of learning outcomes.
The statutory teaching qualifications required in upper secondary vocational education and training are a higher education degree and pedagogical studies with a scope of 35 credits. In addition, teachers of vocational studies are required to have three years of experience in their teaching field.
More information (including a description of the national qualifications system) is available at: www.oph.fi/info/recognition.

National Reference Point (NRP)

Finnish National Board of Education
P.O. Box 380
FI-00531 Helsinki, Finland
recognition@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.

More information on transparency is available by going to: www.cedefop.eu.int/transparency

1288907

Kellosepäntaidon Edistämissäätiö
Kelloseppäkoulu

PÄÄTTÖTODISTUS

Kello- ja mikromekaniikan perustutkinto, 120 ov/3 vuotta

Mikromekaniikan koulutusohjelma, mikromekaanikko

Mathias Jean Henry Lassfolk (291192-0852)

	Tutkinnon osien laajuus, ov	*Arvosana (1-3)*	
Ammatilliset tutkinnon osat, 90 ov			
Kello- ja mikromekaniikan perustyöt	20	hyvä	2
Mekaanisen laitteen huolto ja korjaus	20	hyvä	2
Mekaanisen laitteen valmistus	20	hyvä	2
Elektroniikkatyöt	10	hyvä	2
Jalometallityöt sekä jalokivi- ja jalometallitiedon hallinta	3	hyvä	2
Materiaalista tuotteeksi	4	hyvä	2
CAD/CAM	4	kiitettävä	3
Tuotekehitys	8	kiitettävä	3
Yrittäjyys	1	tyydyttävä	1
Ammattitaitoa täydentävät tutkinnon osat, 20 ov			
Äidinkieli 1)	4	tyydyttävä	1
Toinen kotimainen kieli 1)	1	hyvä	2
Vieras kieli 1)	4	kiitettävä	3
Matematiikka 1)	3	hyvä	2
Fysiikka ja kemia 1)	2	tyydyttävä	1
Yhteiskunta-, yritys- ja työelämätieto 1)	1	tyydyttävä	1
Liikunta 1)	3	kiitettävä	3
Terveystieto 2)	1		
Taide ja kulttuuri 1)	1	hyvä	2
Vapaasti valittavat tutkinnon osat, 10 ov			
Laitteen huolto ja osavalmistus 1	3	hyvä	2
Laitteen huolto ja osavalmistus 2	3	hyvä	2
Laitteen huolto ja osavalmistus 3	4	hyvä	2

Tutkintoon sisältyy

Opinnäytetyö (8 ov)"Veto- ja puristusvoiman mittauslaitteen suunnittelu ja valmistus"
Työssäoppiminen (20 ov)
Yrittäjyys (5 ov)

1) Tutkinnon osa on tunnustettu lukion oppimäärästä (33/011/2003), Helsingin ranskalais-suomalainen koulu.
2) Toteutettu ammatillisesta koulutuksesta annetun lain 630/98, 12 §:n mukaisesti.

29.05.2015

Tiina Parikka
Rehtori

KELLOSEPÄNTAIDON EDISTÄMISSÄÄTIÖ
KELLOSEPPÄ KOULU
EST 1952

Eemeli Pöysä
Opettaja

Tutkintotodistus sisältää päättötodistuksen ja näyttötodistuksen.

Kellosepäntaidon Edistämissäätiö
Kelloseppäkoulu

NÄYTTÖTODISTUS

Kello- ja mikromekaniikan perustutkinto, 120 ov/3 vuotta

Mikromekaniikan koulutusohjelma, mikromekaanikko

Mathias Jean Henry Lassfolk (291192-0852)

on suorittanut Kello- ja mikromekaniikan perustutkintoon kuuluvat ammattiosaamisen näytöt

	Laajuus, ov	*Arvosana (1-3)*	
Ammatilliset tutkinnon osat, 90 ov			
Kello- ja mikromekaniikan perustyöt Kierretapin valmistaminen, Kelloseppäkoulu Tekninen piirustus, Kelloseppäkoulu Yleismittarin käyttö, Kelloseppäkoulu	20	hyvä	2
Mekaanisen laitteen huolto ja korjaus Seinäkellon huolto, Kelloseppäkoulu Spiraalin suuntaus, Kelloseppäkoulu Automaatikellon huolto, Kelloseppäkoulu	20	hyvä	2
Mekaanisen laitteen valmistus Jousikotelon akselin valmistaminen, Kelloseppäkoulu Jousikotelon valmistaminen, Kelloseppäkoulu Kellon kuoren valmistus, Kelloseppäkoulu	20	hyvä	2
Elektroniikkatyöt Juotos, Kelloseppäkoulu Kvartsikellon huolto, Kelloseppäkoulu	10	hyvä	2
Jalometallityöt sekä jalokivi- ja jalometallitiedon hallinta Neljän hopeatapin juottaminen tasavälein keskelle hopealaattaa kovajuotteella., Kelloseppäkoulu	3	hyvä	2
Materiaalista tuotteeksi Jousikotelon liitokset, Kelloseppäkoulu Kellon kuoren liitokset, Kelloseppäkoulu	4	kiitettävä	3
CAD/CAM Kellon kuoren piirustukset, Kelloseppäkoulu	4	kiitettävä	3
Tuotekehitys Mittalaitteen suunnittelu ja valmistus, Kelloseppäkoulu	8	kiitettävä	3

29.05.2015

Ingmar Stuns
toimielimen puheenjohtaja
Kellosepäntaidon Edistämissäätiö

KELLOSEPÄNTAIDON EDISTÄMISSÄÄTIÖ
KELLOSEPPÄ KOULU
• EST 1952 •

Tutkintotodistus sisältää päättötodistuksen ja näyttötodistuksen.

YLIOPPILASTUTKINTOTODISTUS

291192-0852

MATHIAS JEAN HENRY LASSFOLK

ON HELSINGIN RANSKALAIS-SUOMALAISESSA KOULUSSA

OSALLISTUNUT LUKIOLAIN (629/1998) 18 §:N (766/2004), YLIOPPILASTUTKINNON JÄRJESTÄMISESTÄ ANNETUN LAIN (672/2005) JA VALTIONEUVOSTON YLIOPPILASTUTKINNOSTA ANTAMAN ASETUKSEN (915/2005) SÄÄTÄMIIN KOKEISIIN JA SAANUT PAKOLLISISSA KOKEISSA SEURAAVAT ARVOSANAT:

ÄIDINKIELESSÄ, SUOMI	CUM LAUDE APPROBATUR
RUOTSISSA, KESKIPITKÄ OPPIMÄÄRÄ	MAGNA CUM LAUDE APPROBATUR
RANSKASSA, PITKÄ OPPIMÄÄRÄ	EXIMIA CUM LAUDE APPROBATUR
MATEMATIIKASSA, LYHYT OPPIMÄÄRÄ	MAGNA CUM LAUDE APPROBATUR

JA YLIMÄÄRÄISISSÄ KOKEISSA SEURAAVAT ARVOSANAT:

ENGLANNISSA, PITKÄ OPPIMÄÄRÄ	EXIMIA CUM LAUDE APPROBATUR
SAKSASSA, LYHYT OPPIMÄÄRÄ	CUM LAUDE APPROBATUR
YHTEISKUNTAOPISSA	LUBENTER APPROBATUR

TÄTEN HÄN ON SUORITTANUT YLIOPPILASTUTKINNON, MIKÄ YLIOPPILASTUTKINTOLAUTAKUNNAN SINETILLÄ VAHVISTETAAN.

HELSINGISSÄ 30. PÄIVÄNÄ MARRASKUUTA 2011

JUHANI LOKKI

YLIOPPILASTUTKINTOLAUTAKUNNAN PUHEENJOHTAJA

KOKEISTA ANNETTAVAT ARVOSANAT
JA NIITÄ VASTAAVAT PISTEMÄÄRÄT OVAT

LAUDATUR (7), EXIMIA CUM LAUDE APPROBATUR (6),
MAGNA CUM LAUDE APPROBATUR (5), CUM LAUDE APPROBATUR (4),
LUBENTER APPROBATUR (3), APPROBATUR (2) JA IMPROBATUR (0).