

1. Title of the certificate ¹

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5 Ειδικότητα Ι.Ε.Κ.:
ΤΕΧΝΙΚΟΣ ΧΕΙΡΟΠΟΙΗΤΟΥ ΚΟΣΜΗΜΑΤΟΣ**

2. Translated title of the certificate ²

**Vocational Training Diploma Initial Vocational Training (I.E.K.) Level 5 Specialty of I.E.K.:
HANDMADE JEWELLERY TECHNICIAN**

3. Profile of skills and competences

LEARNING OUTCOMES (KNOWLEDGE, SKILLS, COMPETENCES). A typical holder of the certificate is able to:

KNOWLEDGE

- List the basic properties of metals and alloys, such as platinum, gold, silver, bronze, brass, etc.
- Discern the precious and semi-precious stones and describe their specifications, such as their hardness, colour, etc.
- Describe the procedures for melting the raw material, along with the types of welding for gold and silver.
- List the properties of welding alloys for the successful welding of metals.
- Skilfully discern the difference between crystalline and amorphous minerals.
- Classify minerals in organic and inorganic, as well as in isotropic and anisotropic.
- Recognise the basic machinery for the preparation of cast jewellery and the types of casting machines, while also describing the methods for processing the materials.
- Detect using a gemology instrument the pleochroism and evaluate the dichroism - trichroism.
- Describe the basic characteristics of the impressionism movement, of cubism, of art deco, etc., in relation to jewellery and the history of jewellery from the Neolithic era to this day.
- Describe the setting, nailing and support methods for the stone (standard, giannotiko, filigree, Pavé technique).
- Describe the procedure for baking rubber and its types for the tracing of metal models in silver and goldsmithing.
- Recognise the procedure for creating chisels for Gianniotiko jewellery (special techniques from Ioannina, Greece).
- Recognise the basic, supplementary, neutral, earthy colours, including their shades (hues - tinctures).
- State the basic principles of advertising and marketing.
- Discern the issues of safety, health and protection in the workplace, and specifically the welding bench.

SKILLS

- Manufacture original pieces of jewellery by hand, using different techniques and materials.
- Design all types of jewellery by applying the elements of freehand design and the principles of composition, while linearly presenting the ground view, the front and the side view of a design in a scale of 2:1 and 3:1.
- Operate the suitable computer software for the design of motifs and drawings in 2D and 3D form.
- Select the suitable method for welding gold alloys and other items.
- Apply the Niello and pico manufacture technique.
- Operate properly the tools for the repoussé technique, and also the method for manufacturing tar and the metal for the technique of Gianniotiko pieces of jewellery.
- Operate the computer in order to codify the items of the warehouse - suppliers - customers - stones.
- Take safety measures at work.

COMPETENCES

- Work independently and be responsible for the quality of the jewellery manufactured by him/her.
- Collaborate with other specialist technicians, such as setting technicians, designers, suppliers, sellers, etc., in order to create jewellery.

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

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

The holder of this diploma can work as an employee or on a self-employed basis in jewellery construction workshops.
The Vocational Training Diploma is recognised as a qualification for appointment in the public sector falling in the category S.E. (Secondary Education) according to the Presidential Decree no.50/2001 (Greek Official Gazette 39/Vol.A/5-3-2001).

5. Official basis of the certificate

Body awarding the certificate

E.O.P.P.E.P.
(National Organisation for the Certification of Qualifications and Vocational Guidance)
Ethnikis Antistaseos 41 Avenue, 142 34 N. Ionia
<https://www.eoppep.gr/>

Level of the certificate (national or European) ¹

Level 5 National and European Qualifications Framework

Access to next level of education / training ¹

Yes

Legal basis

Law 2009/1992 on the National System of Vocational Education and Training
Law 4186/2013 on the Restructure of Secondary Education
Law 4763/2020 on National System of Vocational Education, Training and Lifelong Learning

Authority providing accreditation / recognition of the certificate

E.O.P.P.E.P.
(National Organisation for the Certification of Qualifications and Vocational Guidance)
Ethnikis Antistaseos 41 Avenue, 142 34 N. Ionia
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Grading scale / Pass requirements

a) acquisition of the Vocational Training Certificate (V.E.K.) after successful completion of study at the Vocational Training Institute (I.E.K.)
b) acquisition of the Vocational Training Diploma after:
1. success in the theoretical part of Initial Vocational Training certification examinations (Grading scale = 1-20, Pass = 10) and
2. success in the practical part of the Initial Vocational Training certification examinations (Pass/Fail)

International agreements on recognition of qualifications ¹

No

6. Officially recognised ways of acquiring the certificate

Total duration of the education / training leading to the certificate
Success in the the Initial Vocational Training certification examinations
4 semesters (until law 4186/2013) / 5 semesters (after law 4186/2013)

7. Additional information

Entry requirements ¹

Certificate of Upper Secondary School. Qualification of Level 4 (NQF/EQF) // Certificate Vocational Training School (SEK) – Qualification of Level 3 (NQF/EQF)
Following the voting of L. 4763/2020, only by an Upper Secondary Education certificate or an equivalent title of studies (Qualification of Level 4 NQF/EQF)

Indicative subjects taught:

Freehand Drawing, Linear Drawing, History of Art, Jigsaw – File – Welding, Inlay, Married Metals, Lamination I & II, Metallography, Accident Prevention, Workshop Organisation – Use of Equipment, Gemology, Jewellery Design, Quality Control Systems, Vertical Lamination, Spiral Lamination, Twisted Lamination, Topographic, Business Administration – Cost Price Calculation, Stone Binding, Classic, Filigree, Ioannina Technique I & II, Sales Promotion, Reticulation, Granulation, Mokume, Engraving, Niello – Box, Riveting I & II, Tool Construction and Preparation, Cast Jewellery, Wax Model, Rubber – Forming Block, Rubber Cutting, Wax Machine, Wax Tree, Plaster – Vacuum, Dewaxing – Plaster Firing, Casting, Fettling, Chain Theory, Computing.

More information

National Qualifications Framework : <https://nqf.gov.gr/> and <https://proson.eoppep.gr/en>

National Europass Centre: **EL/NEC - E.O.P.P.E.P.** National Organisation for the Certification of Qualifications and Vocational Guidance, Ethnikis Antistaseos 41 Avenue, 142 34 N. Ionia, Greece. T.0030 2102709000 europass@eoppep.gr
<http://europass.eoppep.gr> www.eoppep.gr

¹ If applicable.