

1. Title of the certificate ¹

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

2. Translated title of the certificate ²

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

3. Profile of skills and competences

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

KNOWLEDGE

- State the tools and machinery necessary for the manufacture of cast jewellery and accurately describe the manufacturing techniques thereof.
- Recognise the basic property of precious metals (platinum, gold, silver, etc.) and of alloys (bronze, brass, etc.).
- Describe the procedures for melting and casting the metals, along with the types of welding for gold and silver.
- Describe the horizontal, vertical, spiral, and twist lamination technique for the manufacture of jewellery.
- Classify minerals in organic and inorganic, as well as in isotropic and anisotropic.
- State the precious stones and specifically those in the corundum family.
- Recognise the basic cause for the existence of colour and the pigmentation elements of precious stones and alloys.
- Describe the procedure for baking rubber and its types for the tracing of metal models in silver and goldsmithing.
- Describe the procedure for supporting and fixing precious stones, and especially the Pavé technique.
- State the history of jewellery, its materials, the techniques and specifications from the Neolithic era until today, as well as the basic characteristics of the impressionistic movement, of cubism, of art deco, etc. with regard to jewellery.
- Discern the issues of safety, health and protection in the work area, and specifically on the welding bench.

SKILLS

- Design jewellery such as rings, pins, bracelets, etc.
- Develop the necessary drawings (view, section, etc.) for the manufacture of jewellery.
- Operate the suitable computer software for the design of jewellery in 2D and 3D form.
- Select and evaluate the suitable metals and alloys, as well as the precious stones for the construction of jewellery.
- Apply the suitable techniques for the manufacture of all types of jewellery.
- Accurately operate the tools and the machinery for the manufacture of all types of jewellery.
- Take the necessary safety measures at work.

COMPETENCES

- Follow directions under the technical manager, the artistic curator or the production manager, understand the method of application thereof and keep the time schedules set.
- Collaborate with persons of other specialties, such as precious stones fitting technicians, designers, suppliers, sellers, etc., in order to create jewellery.
- Undertake independently the production of jewellery and be responsible for the quality of products he/she makes.

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

The holder of this specialisation certificate may work in jewellery production businesses.
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).

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

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.
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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, Art History, Workshop (jig saw, file, gluing, inlay, married metals, horizontal lamination a) Metallurgy, Accident Prevention, Gemmology, Jewellery Design, Quality Control Systems, Laboratory (horizontal lamination horizontal B, vertical lamination - spiral lamination - twist lamination - topographic) , Sales promotion, Business Administration - Costing, Gold and silversmithing workshop I (engraving, niello, can, setting A) II, (setting B, cast jewellery), Theoretical courses on chains, Manufacture and preparation of tools, Computer use

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.