

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

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

### 2. Translated title of the certificate <sup>2</sup>

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

### 3. Profile of skills and competences

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

#### KNOWLEDGE

- Describe in detail the operation of silver and goldsmithing machinery (jig-saw, file, fixing, etc.).
- Recognize and describe exotic materials, in addition to mineral stones and alloys.
- State the basic properties of metals, platinum, gold, silver, brass, bronze, etc.
- Recognize the difference between crystalline and amorphous minerals.
- Recognize the basic machinery for the preparation of cast jewellery and the types of casting machines, while also describing the methods for processing the materials.
- Describe the horizontal, vertical, spiral, and twist lamination technique for the manufacture of jewellery.
- Discern the precious stones and their specifications (corundum, diamond, amber, etc.).
- Recognize the properties of welding alloys for the welding of gold and other metals.
- Recognize the basic, supplementary, neutral, earthy colours, including their shades (hues - tinctures).
- 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.
- Discern the issues of safety, health and protection in the workplace, and the welding bench.
- State the basic principles of advertising and marketing.

#### SKILLS

- Design all types of jewellery, regardless of the method of manufacture.
- Prepare the necessary drawings (view, section, ground view, etc.) for the manufacture of a piece of jewellery, by applying the elements of freehand and linear drawing.
- Digitally process the drawings of jewellery with the use of a computer, by operating the suitable software with 2D and 3D imaging.
- Propose methods for the manufacture of jewellery by evaluating the properties of raw materials.
- Design pieces of jewellery such as rings, pins, bracelets using different techniques and exotic materials
- Create a basic pricelist for the jewellery either on sale or for estimate.

#### COMPETENCES

- Follow directions under the artistic curator, understand the method of application thereof and keep the time schedules set.
- Collaborate with persons of other specialties, such as suppliers, sales representatives, advertisers, jewellery sellers, silver and goldsmiths, etc., for the design of the jewellery.
- Independently undertake the production of jewellery and is responsible for the quality of his/her designs.

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

The holder of this specialisation certificate may work either as an employee in gold and silver smithing or jewellery making businesses or as a freelancer.

The Vocational Training Diploma is Recognized 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).

<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

### 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) <sup>1</sup>

Level 5 National and European Qualifications Framework

### Access to next level of education / training <sup>1</sup>

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  
<https://www.eoppep.gr/>

### 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 <sup>1</sup>

No

## 6. Officially Recognized 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 <sup>1</sup>

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, Laboratory (jig saw - files - gluing - inlay - married metals - horizontal lamination A), Metallurgy, Accident Prevention, Gemmology, Jewellery Design, Quality Control Systems, Laboratory (horizontal lamination B, vertical lamination - spiral lamination - twist lamination - topographic) , Laboratory - Manufacture of test pieces - standards, Application techniques for jewellery designs, Programmes for creating digital jewellery models, Programme applications for the creation of digital jewellery models, Jewellery History, Technical drawing, Administration - Costing - Entrepreneurship, Sales promotion - Entrepreneurship, Exotic materials, English 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](mailto:europass@eoppep.gr)  
<http://europass.eoppep.gr> [www.eoppep.gr](http://www.eoppep.gr)

<sup>1</sup> If applicable.