

1. Title of the certificate ¹

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

2. Translated title of the certificate ²

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

3. Profile of skills and competences

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

KNOWLEDGE

- Recognise tools, machinery and instruments necessary for the ceramic art.
- Describe the methods and the techniques for formulating the objects, the procedure for manufacturing the moulds and for hardening the products.
- State the materials and the techniques for decorating the objects.
- State the properties of colours and their value in the composition.
- Recognise the natural and chemical unions of the raw materials used in the manufacture of ceramics, such as clay, enamels, etc., and specifically the physicochemical properties of clay and plaster.
- List the instruments and design means necessary for freehand and linear design, along with the key principles of composition, optical perception, and aesthetics.
- Recognise the core mathematical and metric magnitudes necessary to calculate surfaces, volumes, weight, and other measures related to the production of ceramics.
- State the ergonomics and functionality details related to the items used.
- Discern the development stages of the technology of ceramic art, including the specifications of ceramic art from all known civilisations to this day.
- Discern motifs in ceramic objects, regardless of their date and origin.

SKILLS

- Manufacture items of ceramic art of all types, which are similar in terms of quality and form.
- Properly apply the design, ergonomics and decoration practices in the mass production of ceramic and plaster objects.
- Select suitable raw materials and calculate the quantities required for the respective work.
- Successfully manufacture the moulds for the objects intended for production.
- Apply the correct hardening techniques to the objects produced, depending on the structure thereof and the materials used.
- Design with openings, views, sections, ground views, axonometric designs, etc., the objects intended for production.
- Properly decorate and colour the objects.

COMPETENCES

- Follow directions under the production manager or the artistic curator, understand the method of application thereof and keep the time schedules set.
- Undertake autonomously the manufacture of ceramics, taking the responsibility for the completion and quality of products.
- Collaborate with persons of other specialties such as designers, suppliers, sales representatives etc. to create and produce the ceramic objects.

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

The holder of this specialisation certificate may work in a processing, small industry unit or as a freelancer - creator of limited production items of original and unique ceramic items.

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.
(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:

Linear drawing, Freehand drawing, Chromatology, Volume drawing - Sculpting, Optical perception, Clay processing - Creations, Clay drawing - Decoration, Technology, Accident prevention, Workshop organisation, History of Art, History of ceramics, Object design, Clay Wheel - Creations, Gypsum processing, Administration, Costing, Roasting techniques, Use of equipment, Dissertation, 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
<http://europass.eoppep.gr> www.eoppep.gr

¹ If applicable.