

1. Title of the certificate ¹

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5 Ειδικότητα Ι.Ε.Κ.:
ΤΕΧΝΙΚΟΣ ΜΕΛΙΣΣΟΚΟΜΙΑΣ - ΣΗΡΟΤΡΟΦΙΑΣ**

2. Translated title of the certificate ²

**Vocational Training Diploma Initial Vocational Training (I.E.K.) Level 5 Specialty of I.E.K.:
APICULTURE - SERICULTURE TECHNICIAN**

3. Profile of skills and competences

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

KNOWLEDGE

- Identify the basic morphology and physiology details of insects.
- Specify the aspects concerning the biology of the bee and the silkworm.
- Specify the enemies and diseases of bees and silkworms and the methods for dealing with them.
- Present measures for fighting insects.
- Develop the basic principles of rural economy, marketing, and the collaborating and cooperative institution in farming.
- Develop the basic principles of marketing.
- Interpret the results from costing the agricultural products.
- Describe the necessary bee-keeping activities during the year.
- State how the climate can affect honey production.
- Present the procedure of raising queen bees and producing royal jelly.
- List the products of the cells and the uses thereof.
- List the main apiculture plants of Greece.

SKILLS

- Operate the microscope and a stereoscope.
- Operate the equipment and tools to conduct the works of the bee-keeping station.
- Operate the equipment and tools to conduct the works of the silkworm -keeping station.
- Apply the necessary medicines to fight the enemies and diseases of the bees and silkworm.
- Operate queen rearing equipment and royally jelly production equipment.
- Classify the bee depending on its race.
- Evaluate the results for costing apiculture and sericulture products.

COMPETENCES

- Participate in events promoting his/her apiculture or sericulture products.
- Organise autonomously a bee-keeping and a silkworm-keeping station.

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 specialisation diploma may operate an apiculture business at every stage of the productive procedure, and for all apiculture products, operate a sericulture business, work as specialised technician in an apiculture or sericulture business, or in units processing and standardising apiculture or sericulture products.

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/>

Authority providing accreditation / recognition of the certificate

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(National Organisation for the Certification of Qualifications and Vocational Guidance)
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Level of the certificate (national or European) ¹

Level 5 National and European Qualifications Framework

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)

Access to next level of education / training ¹

Yes

International agreements on recognition of qualifications ¹

No

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

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:

General entomology, Introduction of apiculture, Bee biology, Natural resources and the environment, Agricultural technique I, II, Agricultural economics - Agricultural policy, Communication technique - Entrepreneurship, Apicultural equipment - Installation of apiary, Enemies and diseases of bees I, II, Costing of agricultural products, Marketing of agricultural products, Apiculture operations I, II, III, Apiculture plants I, II, Occupational health and safety, Organisation and administration of agricultural businesses, Queen bee hatching - Production of royal jelly I, II, Sericulture I, II, Hive products, 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.