

1. Title of the certificate¹

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5. Ειδικότητα Ι.Ε.Κ.:
ΒΟΗΘΟΣ ΙΑΤΡΙΚΩΝ ΚΑΙ ΒΙΟΛΟΓΙΚΩΝ ΕΡΓΑΣΤΗΡΙΩΝ**

2. Title of the certificate²

**Vocational Training Diploma Initial Vocational Training (I.E.K.) Level 5. Specialty of I.E.K.:
MEDICAL AND BIOLOGICAL LABORATORIES ASSISTANT**

3. Profile of skills and competences

Learning outcomes: Knowledge, skills and competences.
A typical holder of the certificate is able to:

KNOWLEDGE

- Report the basic concepts of immunology and the definitions of antigens and antibodies.
- Describe the main analysis and biological samples culture techniques, including blood samples forwarded for simple blood tests (e.g full blood count, red blood cell sedimentation rate (RBCSR), urine test, stool test, saliva test, semen analysis, cerebrospinal fluid (CSF) analysis etc.
- Report the infectious agents and their transmission modes.
- Compare the ways to sterilize materials and consumables in a biochemical/microbiological laboratory.
- List the apparatuses and instruments making up the equipment of a biochemical/microbiological laboratory and their function.

SKILLS

- Undertake, under supervision, taking of blood sample from subjects under examination in a laboratory setting.
- Orderly store the various samples being forwarded for testing to the biochemical/microbiological laboratory.
- Prepare and sterilize nutrient media and solutions for growth/identification of microbes from samples of patients.
- Prepare patients' blood samples and the blood analyzer unit for automated tests.
- Register the results electronically and store the corresponding files.

COMPETENCES

- Work under the supervision of the head of the biochemical/microbiological laboratory.
- Contribute to preventing accidents through responsible behavior at the workplace and by following the appropriate safety rules.
- Smoothly cooperate with the rest of the staff for effective operation of the institution, hospital or laboratory where is employed.

4. Range of occupations accessible to the holder of the certificate³

The VET graduate of this specialty may be employed as member of a team/unit in microbiological, biochemical laboratory. The recognition of I.E.K Diploma as a formal qualification for recruitment in the public sector is governed by virtue of the P.D 50/2001 (Government Gazette 39 / A' / 5-3-2001), as in effect.

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)
41 Ethnikis Antistaseos Avenue, 14234 N. Ionia
<https://www.eoppep.gr/>

Level of the certificate (national or European) ¹

Level 5 National and European Qualifications Framework

Authority providing accreditation / recognition of the certificate

E.O.P.P.E.P.

(National Organisation for the Certification of Qualifications and Vocational Guidance)
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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 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

Success in the Initial Vocational Training certification examinations Total duration of the education / training leading to the certificate: 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 for the specialty:

Basic concepts of biology-Physiology, Microbiology I,II, Biochemistry I,II, Sterilizations and laboratory apparatuses, Hematology, Laboratory instruments technology, Parasitology, Immunology, In-hospital infections and hygiene, Laboratory tests – Diagnosis, Mycology – Virology, Clinical Biochemistry, Security and Code of ethics, English, PC 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 EOPPEP Ethnikis Antistaseos 41 Avenue, 142 34 N. Ionia. T.0030 2102709000 europass@eoppep.gr
<http://europass.eoppep.gr> www.eoppep.gr

¹ If applicable.