Greece

1. Title of the certificate[1]

Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5. Ειδικότητα Ι.Ε.Κ.: ΤΕΧΝΙΚΟΣ ΔΙΚΤΥΩΝ ΚΑΙ ΤΗΛΕΠΙΚΟΙΝΩΝΙΩΝ

2. Title of the certificate [2]

Vocational Training Diploma Initial Vocational Training (I.E.K.) Level 5. Specialty of I.E.K: NETWORK AND TELECOMMUNICATIONS TECHNICIAN

3. Profile of skills and competences

Learning outcomes: Knowledge, skills and competences

A typical holder of the certificate is able to:

KNOWLEDGE
- Describe the structure and architecture of computer systems and computer networks; distinguish and analyze the hardware, the software and the services.
- Depict the basic principles of modern telecommunications systems.
- Tell apart and classify the networks categories.
- Determine the categories, the basic characteristics and the capabilities of the most important operating systems (MS-DOS, Windows, Unix, Linux, Mac OS X).
- Name the individual computer configurations in a communication network and analyse their functions, without taking recourse to manuals.
- Distinguish various telecommunications models, older (PSTN, ISDN, ATM) and modern ones (ADSL, SDSL, VDSL, fiber optics).
- Identify the protocols, the procedures and services of World Wide Web.

SKILLS
- Install and manage a suitable software system, office automations software and application software in the computer systems, based on the manufacturer's instructions.
- Manage, support and maintain Internet and telecommunications providers access installations.
- Manage data transmission networks through the operating system or other administration tools.
- Maintain computers and their software, without supervision, based on the manufacturer's manuals.

COMPETENCES
- Check and maintain network installations and locally interconnect data transmission networks with other respective networks.
- Connect various devices and configurations using the necessary connections and connectors.
- Design, maintain and support data transmission networks with the use of appropriate tools (software and hardware), in line with manufacturer's instructions.
- Take all necessary measures for information systems and independent computers protection from possible threats.
- Effectively cooperate with computer users and information systems administrators to support and adequately maintain the installed applications and the corresponding equipment.

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

The VET graduate of the specialty 'Network and Telecommunications Technician' may be employed in workplaces where computer networks installation, support, operation and maintenance are performed; the diploma holder may be employed in telecommunications providers or information technology products sale in the public and private sector, on salaried or non-salaried work.

The recognition of I.E.K Vocational Training Certificate 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.

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/

Authority providing accreditation / recognition of 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

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 vocational training: Introduction to Computer Science, Algorithmic and Data Structures, Data Communication, Computer Architecture, Operating Systems (I & II), Telecommunications.
Specialty Subjects: Computer Networks (I & III), Computer Network Administration (I & II), Cellular Telephony, Network Installation (Structured Wiring), Telephone Centers, Network Security, Interdisciplinary Paper, In-Service Training (I,II, & III), Professional Practice.

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.