

1. Title of the certificate ¹

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

2. Translated title of the certificate ²

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

3. Profile of skills and competences

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

KNOWLEDGE

- Discern the basic terminology in the field of telecommunications and mobile telephony in Greek and English.
- Describe the operation of telecommunication systems and of mobile telephony, discern and analyse the hardware, the software, and the services.
- State the individual key parts of a telecommunication system and mobile telephony system and analyse their functions, without using manuals.
- Formulate the basic telecommunications principles for the transmission media (wired and wireless) and the principles of mobile telephony.
- Describe the Open Systems Interconnection (OSI) reference standard and discern the key operations of each level.
- Describe in detail and analyse the individual steps of a maintenance program, using the corresponding manufacturer's manuals.
- Discerns and analyse the problems that could come up in a telecommunications system and provide the appropriate ways to overcome them.
- Recognize faults in the telecommunications system, using basic diagnostic methods (indicating lights, error messages).
- Specify clearly the health and safety rules and state the protective measures for any corrective rectification action for malfunctions in the telecommunications system hardware.

SKILLS

- Install mobile telephony and telecommunications networks, in accordance with current standards and based on the respective plan.
- Keep the plan of the network up to date for any change.
- Fill the necessary maintenance documents of the telecommunications system and update the maintenance logs thereof.
- Maintain the active hardware of the network based on the manufacturer's manuals (mechanical, electrical faults at maintenance level), without supervision.
- Restore failures in hardware, in the transmission medium and in terminals, on his/her own.
- Maintain the software of the active network hardware (e.g. upgrading the ios in a router), using the corresponding manuals of the manufacturer, under the guidance and supervision of the network administrator.
- Perform the preventive maintenance on telecommunication systems and mobile telephony hardware, based on the maintenance schedule of the manufacturer or facility operator, unattended.
- Manage and evaluate the equipment of a telecommunication system.
- Properly install and configure the active telecommunication system hardware, according to manufacturer and administrator instructions.
- Execute recovery actions against possible failures of active hardware and terminal devices of mobile telephony, taking backups of software and applying the relevant instructions.

COMPETENCES

- Receive and properly follow the installation and maintenance instructions of telecommunications systems at primary and terminal equipment level.
- Effectively collaborate with the users of terminal devices of telecommunications systems and with administrators to support and maintain adequately the facilities and hardware.
- Operate in accordance with the security policy of the organizations and businesses employing him/her and observe the rules.
- Develop trust with users, inspire a sense of responsibility and safety, as regards the handling of digital data in the systems supported.
- Operate under the legislative framework regarding the protection of sensitive personal data and apply the rules of ethical conduct.

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 certificate may work as a technician for the installation, operation, maintenance, and repair mobile telephony telecommunication units or telecommunications in companies or organisations providing telecommunications services and mobile telephony services, in companies producing telecommunication products, accessories, and materials, in commercial dealerships of telecommunication products, in laboratories repairing telecommunication accessories and systems, in stores selling mobile telephony and telecommunication products, in autonomous telecommunications facilities in buildings, industries and businesses as a freelancer. 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/>

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

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:

Analog electronics, Computer networks, Electrotechnics, Computer programming, Communication techniques - Entrepreneurship techniques, Telecommunications, Computer use, Digital electronics, Occupational safety, Electromechanical radiation and the environment, Computer applications in telecommunications, Mobile telephony, Computer operating systems, Transmission of telecommunication signals, Modern telecommunication technologies, Organization techniques, Call centres, English.

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.