

1. Title of the certificate ¹

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5 Ειδικότητα Ι.Ε.Κ.:
ΙΑΤΡΙΚΩΝ ΣΥΣΚΕΥΩΝ ΑΚΤΙΝΟΘΕΡΑΠΕΙΑΣ**

2. Translated title of the certificate ²

**Vocational Training Diploma Initial Vocational Training (I.E.K.) Level 5. Specialty of I.E.K.:
RADIOTHERAPY MEDICAL DEVICES**

3. Profile of skills and competences

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

KNOWLEDGE

- List the human organ systems and the positions of the organs that comprise them.
- Specify malignancies and clarify the major ones for men and women.
- State the rules of personal and public hygiene.
- Name the dose limits for employees in areas with radiation.
- Specify the radiation protection measures for the protection of individuals operating machinery and radiation producing devices.
- Summarize the transmission methods for infectious diseases and the ways to protect against them.
- Present the theory of radiation, the different kinds of radiation and their correlation with biological action.
- Recognise the visualization of the pathological findings in the organs for the various imaging tests (as standard X-ray, CT scan, MRI and ultrasonography).
- Report the basic principles of therapeutic radiology.
- Explain the methods and the techniques used for the radiotherapy of tumours.
- Describe the use of computers with regard to the handling the operation of the medical radiation therapy devices.

SKILLS

- Apply the rules of health and safety in the Radiology Department.
- Take precautionary measures for transmitted diseases and explains the precautionary methods to the persons examined.
- Carry a personal dosimeter and verifies its proper operation.
- Take measures for radiation protection (from the machines or patients subject to exams or radiation treatment).
- Accurately identify the instructions of the attending physician in the referral notice.
- Check the suitability of the instrument to be used.
- Select, under supervision, the suitable reagents (e.g. contrast materials), if required, in order to perform the prescribed instruction.
- Greet and guide the patient, providing instructions about proper posture and/or his/her immobilisation, with the purpose of achieving the proper execution of treatment.
- Explain to the patient the steps of the treatment approach showing the necessary patience, simplicity and clarity.
- Assist the examinee from his/her examination position and provides guidance on the next steps.
- Attend to the emptying of the waste bins in the radiology treatment laboratory.
- Prepare the radiology treatment laboratory for the next examinee.
- Report on problems occurring during the operation / maintenance of the machines.

COMPETENCES

- Work under the supervision of the persons responsible for the institution, the hospital, or the laboratory employing him/her.
- Contribute to the prevention of accidents showing responsible behaviour to the work site and following the proper safety rules.
- Collaborate smoothly with the remaining personnel with the purpose of ensuring the proper and effective operation of the institution, hospital, or laboratory employing him/her.
- Have a professional attitude and behaves with respect and sensitivity towards the patient and/or his/her escort.

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

The holder of this diploma can be employed as an operator in X-ray diagnostic / radiotherapy units, in the state or private health sector.

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 qualifications¹

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:

Anatomy I & II, Physiology I & II, Hygiene – First Aid I & II, Medical Imaging Physics / Radiation Physics I, II & III, Radiation Protection, Radiation Anatomy I & II, Radiotherapeutic Oncology I, II, III & IV, Diagnostic Radiology I & II, English, Computing.

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.