

### 1. Title of the certificate <sup>1</sup>

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

### 2. Translated title of the certificate <sup>2</sup>

**Vocational Training Diploma Initial Vocational Training (I.E.K.) Level 5. Specialty of I.E.K.:  
MEDICAL IMAGING 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.
- State the rules of personal and public hygiene.
- Summarize the transmission methods for infectious diseases and identify ways to protect against them.
- Formulate the theory of radiation and of their biological actions.
- Explain the measures required for the protection of individuals operating machinery and radiation producing machinery.
- Identify the image of normal anatomic structures and organs, as reflected in the standard X-ray, in CT scan, in the MRI and in ultrasonography.
- Recognise the visualization of the pathological findings in the organs for the various imaging tests, such as standard X-ray, CT scan, MRI and ultrasonography.
- List the methods and the techniques used for the various imaging tests (standard X-ray, CT scan, MRI and ultrasonography).
- Describe the use of computers with regard to the handling the operation of the medical imaging devices.

#### SKILLS

- Apply the rules of health and safety in the Radiology Department.
- Take precautionary measures for transmitted diseases and explain the precautionary methods to the persons examined.
- Take safety measures by wearing the appropriate protective apron.
- Identify with accuracy the test required by the referral notice of the physician.
- Provide to the person examined suitable protection means, allocating him/her the protective covers for gonads.
- Check the suitability of the instruments to be used.
- Configure the suitable instrument, selecting the suitable exposure or brightness parameters or clarity, and loading the necessary cartridge or film or thermographic paper (if this refers to an ultrasound device), under the radiologist's instructions.
- Greet and lead the person to be examined to the table of radiation imaging, providing instructions with regard to the proper position, the breathing rate and his/her immobilization, in order to allow for the proper execution of the exam.
- Demonstrate a professional attitude and behave with respect to the naked examinee.
- Develop the imaging film / cartridge and notes the personal details of the examinee and the details of the exam.
- Evaluate the integrity of the organ / body region displayed and the projective position of the examinee, repeating the capturing, if deemed necessary by the supervisor.
- Assist the examinee from his/her examination position and provide guidance on the next steps.
- Attend to the emptying of the waste bins (films, tapes, paper) of the radiology laboratory.
- Prepare the radiology laboratory for the next examinee.
- Report on problems occurring during the operation / maintenance of the machines.

#### COMPETENCES

- Work under the supervision of the scientific head.
- 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.

### 4. Range of occupations accessible to the holder of the certificate <sup>3</sup>

The holder of this diploma can be occupied as assistant radiologist in radio-diagnostic or radiotherapy units, in the public 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).

<sup>1</sup> In the original language. | <sup>2</sup> If applicable. This translation has no legal status. | <sup>3</sup> 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) <sup>1</sup>

Level 5 National and European Qualifications Framework

### Access to next level of education / training <sup>1</sup>

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  
<https://www.eoppep.gr/>

### 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 qualifications<sup>1</sup>

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 <sup>1</sup>

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, Radiation Technology 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](mailto:europass@eoppep.gr)  
<http://europass.eoppep.gr> [www.eoppep.gr](http://www.eoppep.gr)

<sup>1</sup> If applicable.