

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

**Δίπλωμα Επαγγελματικής Ειδικότητας Εκπαίδευσης και Κατάρτισης Επιπέδου 5 Ειδικότητα Ι.Ε.Κ.:  
ΤΕΧΝΙΚΟΣ ΕΦΑΡΜΟΓΩΝ ΠΛΗΡΟΦΟΡΙΚΗΣ ΜΕ ΠΟΛΥΜΕΣΑ (MULTIMEDIA)**

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.:  
MULTIMEDIA APPLICATIONS TECHNICIAN**

## 3. Profile of skills and competences

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

**KNOWLEDGE**

- Identify the basic terminology in the field of IT in Greek and in English.
- Describe the operation of computer systems and local networks, discern and analyse hardware, software and services.
- Name the individual key parts of a computer system and analyze its functions, identifying each specific component contributing to a multimedia (multimedia) production.
- Specify the key features and capabilities of the major operating systems.
- Formulate the key principles for transmitting data.
- Specify the various methods for printing - both conventional and modern.
- Describe the function and composition of colour in different systems of graphics and multimedia.
- Formulate the basic principles and theories of modern multimedia application design and development methods.
- Present the most important methods and techniques governing the software production phases for computers.
- Specify clearly the health and safety rules and states the protective measures for any corrective rectification action for malfunctions in computer hardware and software.

**SKILLS**

- Install and manage appropriate system software and application software in computer systems in accordance with the instructions of the manufacturers.
- Manage and evaluate hardware and software of a computer, along with the resources of a local network.
- Keep the computer software updated using the corresponding updating functions and online resources.
- Maintain computers and their software based on the manufacturer's manuals, unattended.
- Program hardware and software of the available multimedia tools.
- Perform electronic image processing based on modern digital image processing techniques using appropriate specialized software (Photoshop).
- Edit vector images (model processing) using appropriate specialized software (CorelDraw).
- Manage specialized tools for managing and processing digitized video.
- Create simple 2D and 3D Animations using 3D design software.
- Develop and manage integrated multimedia (multimedia) applications using multimedia development tools in different environments and operating systems, following specific standards.
- Propose the appropriate methodology for development multimedia applications using appropriate development techniques and tools.

**COMPETENCES**

- Receive and properly execute the manufacturer maintenance instructions at hardware, software and computer level.
- Effectively collaborate with computer users and administrators of IT systems to support and adequately maintain the installed software applications and the respective hardware.
- Effectively collaborate within a software development team to design and develop integrated multimedia computer applications.
- Take the necessary measures to protect IT systems and independent computers from potential threats.
- Operate in accordance with the security policy of the organizations and businesses employing him/her and observe the relevant rules.
- Develop trust with users, inspires a sense of responsibility and safety, as regards the handling of digital data stored on the PC supported.
- Operate under the legislative framework regarding the protection of sensitive personal data and the protection of software rights, and apply the rules of ethics.
- Seek learning, information and training in regard to the exercise of his/her profession and the new trends in the field of IT applications.

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

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

The holder of this Diploma can work in the private or public sector, as an employee or on a self-employed basis in: a) installation and regulation of PC-software network applications, control of their proper operation and use, upgrading and updating of software applications, and support of users of software-network applications, based on existing studies and procedures, b) regulation and maintenance of computer systems and networks, based on existing studies and designs, c) sale of products related to the information technology (hardware, software, digital technology products), d) evaluation at application level, and implementation and maintenance of software applications, based on existing analyses and development designs.

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) <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

#### 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:

Introduction to IT, PASCAL Program Design, Operating Systems DOS-WINDOWS, Word-processing in WINDOWS, Spreadsheets in WINDOWS, Data Structures- File Management, PASCAL Programming Language, Database in WINDOWS, Communications-Networks, Local Networks Usage, Operating System UNIX, Applications Development in WINDOWS, Multimedia and WINDOWS, C Programming Language, Multimedia Theory, Multimedia Technology (hardware-software), Image Processing-Animation, Sound Processing and Composing, Methodology-Multimedia Programming, 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](mailto:europass@eoppep.gr)  
<http://europass.eoppep.gr> [www.eoppep.gr](http://www.eoppep.gr)

<sup>1</sup> If applicable.