

Understanding and Operating the Internet A Hands-on Networking Course

The Centre for Training and Lifelong Learning (K.E.D.I.V.I.M) of the University of Crete organises a course with title : **Understanding and Operating the Internet A Hands-on Networking Course.**

The programme will be implemented in English (Greek language will be used if all the participants are Greek)

The program is conducted online (100% synchronous).

Application period: August 20, 2025 – October 8, 2025

Goal and objectives of the program

The purpose of the program “Understanding and Operating the Internet: A Hands-on Networking Course” is to analyze the fundamental concepts, mechanisms, and protocols governing computer networking. Additionally, participants will deepen their understanding of areas such as configuring and managing networking devices (routers), establishing step-by-step communication between autonomous systems, and exploring mechanisms for detecting and troubleshooting network problems.

Educational Objectives

Cognitive Skills

- 1) Observation – Ability to detect details or patterns in situations, objects, or behaviors
- 2) Prediction – Estimating potential developments or outcomes based on available data
- 3) Data Analysis – Investigating and interpreting data to extract meaning or conclusions

Psychomotor Skills

- 1) Configure and manage basic networking devices (routers) applying correct commands and parameters
- 2) Use diagnostic and troubleshooting tools to identify and resolve network issues
- 3) Execute step-by-step connection and communication processes between autonomous systems, adhering to technical instructions and protocols

Attitudes/Behaviors

- 1) Demonstrate responsibility and consistency in implementing procedures and safety rules during network management
- 2) Collaborate effectively with others to solve technical problems, maintaining a positive attitude and team spirit
- 3) Transfer and apply acquired knowledge and skills to different environments outside the educational process, demonstrating adaptability and initiative

Learning Outcomes Evaluation

- 1) Individual project reports describing and analyzing results
- 2) Short presentation of deliverables

Who it is aimed at

Individuals with a technological and networking background (academic staff, students, employees), and generally anyone interested in deepening their knowledge and familiarity with modern internet technologies.

Participation cost	300 Euros
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In 2 instalments.

First, 150 euros with the registration. (9-16/10/2025)

Second, 150 one month after the registration (9-16/11/2025)

DISCOUNT POLICY

Categories	Discount rate
Discounts cannot be combined. Only one discount category can be selected.	...%
unemployed	25%
Young people up to the age of 30 who hold a European Youth Card	25%
Personnel working at universities, technical colleges, and research centers in Greece	25%
Graduates of the University of Crete	25%
Postgraduate students	25%
Individuals with special needs	25%
single-parent families with an annual income of less than €15,000	25%
Three, or more, children family (large family or member of a large family)	25%
Parents who have minor children with special needs	25%
Individuals with an annual income below €12,000	25%
Participation in the same by two or more persons who are related by first or second degree.	25%
Re-enrollment of a student in a new course	25%
Enrolment in two programmes with the same start date (parallel participation in the same cycle of studies). The discount applies only to the second programme in order, based on the time of submission of the respective online applications.	25%
teachers in public and private schools.	25%
Employees of the University of Crete	25%

- **Duration** 18 October 2025 – 18 December 2025 (2 months)
- **ECVETS / ECTS** 1,5 ECTS

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- **Scientific Coordinator** X. Dimitropoulos
 - **Academic Coordinator** Emmanouil Lakiotakis
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- **Registration until** October 8, 2025

- **Cost** 300 €