Cisco CCNA Networking Course

The Centre for Training and Lifelong Learning (K.E.DI.VI.M) of the University of Crete organises course with title : **Cisco CCNA Networking Course.**

The programme will be implemented in English.

The program is conducted with blended learning (10% face-to-face -hybrid, 40% asynchronous and 50% synchronous).

The programme prepares for Cisco certification.

CCNA Online Course at the University of Crete | Cisco Networking Academy Training

https://www.youtube.com/watch?v=pDKTR0775DE

Applications deadline: 14/05/2026

Description

Goal and objectives of the program

The purpose of the program is to provide participants with comprehensive, modern, and practically oriented training in the field of computer networking, in accordance with Cisco's international standards and the requirements of the CCNA certification. The program aims to cover all the fundamental and advanced concepts required for the understanding, design, implementation, and management of network infrastructures in modern enterprise environments.

Through theoretical training and extensive hands-on practice in a laboratory environment, trainees will gain substantial experience in configuring and troubleshooting routers, switches, and network services. The program places particular emphasis on critical topics such as routing, switching, network security, IPv4/IPv6, VLANs, WLANs, basic principles of automation, and the use of troubleshooting tools.

At the same time, the program aims to strengthen the digital skills and professional readiness of participants, enabling them to successfully meet the growing demands of the labor market. The CCNA certification is one of the most widely recognized professional credentials in the fields of information technology and telecommunications, and the preparation provided by the program contributes substantially to the expansion of career prospects.

Finally, the program seeks to cultivate a culture of collaboration, technical ethics, and lifelong learning. Networking is a rapidly evolving field, and the purpose of the course is not only to provide knowledge, but also to encourage participants to continue developing and adapting to changing technological requirements.

Educational goals of the program

Cognitive Skills

The program aims to develop cognitive skills that enable participants to collect, organize, and analyze data related to the operation and behavior of network infrastructures. Trainees will be able to observe and evaluate network performance, compare different technological choices (e.g., routing protocols, topologies, security mechanisms), and identify the impact of each choice in real-world environments.

Upon completion of the program, participants will be able to:

- Identify and interpret fundamental and advanced networking concepts, such as IP addressing, VLANs, routing protocols, and network services.
- Analyze technical data from network devices and diagnostic tools in order to identify root causes of issues and anticipate potential malfunctions.
- Compare alternative network design solutions and prioritize options based on criteria such as performance, security, and scalability.
- Predict the impact of configurations or changes within the network and understand how these affect the overall operation of a system.
- Apply problem-solving methodologies by leveraging logical reasoning and structured data analysis.

In this way, the program fosters the ability to make well-informed technical decisions, strengthening the deep understanding and critical thinking required in the field of networking technologies.

Psychomotor skills

The program aims to develop psychomotor skills that enable participants to transform theoretical stimuli and information into practical, targeted, and effective technical activity. Through laboratory sessions and hands-on exercises, trainees will gain the ability to confidently operate network equipment, configuration tools, and simulation environments.

Upon completion of the program, participants will be able to:

- Undertake the installation, basic configuration, and management of network devices such as routers, switches, and access points.
- Select appropriate technical solutions and configurations based on the requirements of a given network scenario or problem.
- Clearly and accurately describe the actions, methods, and steps followed during configuration or troubleshooting processes.
- Operate diagnostic tools, simulators, and laboratory environments (CLI, packet analyzers, network simulators) with ease and technical proficiency.
- Perform practical troubleshooting procedures by translating observed data into concrete actions to restore network functionality.

In this way, the program strengthens the practical application of theoretical knowledge, preparing participants to effectively meet the demands of real-world professional practice in the field of networking.

Behaviours/attitudes

The program aims to shape professional attitudes and behaviors that enable participants to effectively apply the cognitive and psychomotor skills they have acquired, both in the workplace and in the broader social environment. Trainees are encouraged to develop a mindset of continuous learning, responsibility, and collaboration—qualities that are essential in a technologically evolving field such as networking.

Upon completion of the program, participants will have developed:

- Professional responsibility, by adopting practices of technical ethics, accuracy, and consistency in the implementation and support of network infrastructures.
- Critical thinking and adaptability, enabling them to approach new technologies, protocols, and challenges with confidence and a positive attitude.
- A collaborative mindset, cultivating communication and teamwork skills that are essential in the environment of a modern IT department.
- A proactive and analytical approach, recognizing the value of problem prevention and the systematic evaluation of technical decisions.

A commitment to continuous professional development,

- being encouraged to pursue further education and the acquisition of certifications and new skills.

With these objectives, the program seeks not only to equip participants with technical knowledge, but also to shape a well-rounded professional identity grounded in responsibility, collaboration, and continuous growth.

Who it is aimed at

- Students and graduates of Computer Science, Electrical Engineering, and related scientific disciplines.
- Professionals in the fields of networking, telecommunications, or technical support who wish to upgrade their skills.
- IT department employees who want to obtain CCNA certification or strengthen their knowledge of fundamental and advanced networking technologies.
- Young people or adults who are interested in starting a career in networking and computer systems infrastructure, regardless of their level of prior experience.

Participation fee	**1000 Euros**

In 4 instalments.

First, 250 euros with the registration (11-25/05/2026)

Second instalment, 250 euros (11-25/06/2026)

Third instalment, 250 euros (11-25/07/2026)

Fourth instalment, 250 euros (11-25/08/2026)

Categories	**Discount rate** **...%**
Graduates of the University of Crete	20%
Postgraduate students	20%
Individuals with special needs	20%

Employees of the University of Crete	20%

Discounts cannot be combined. Only one discount category can be selected.

- **Duration**4 Months
- **ECVETS / ECTS**6
- **Scientific Coordinator**X. Dimitropoulos
- **Academic Coordinator**Lazarus Agapidis
- **Registration until** 14/05/20026
- **Released**01/06/2026