



EUCIP

In the Information Society, appropriately functioning ICT systems are crucial for social and economic development. The EUCIP (European Certification of Informatics Professionals) Programme is aimed at ICT specialists and professionals. It consists of a core certification, leading to a specialised certification for a range of competences which are comprised in a specific professional profile. In addition, there is a standalone certification for IT Administrators.

The objective of the EUCIP programme is to offer a recognised certification of IT competence at a standard prescribed by CEPIS (The Council of European Professional Informatics Societies) for IT professionals.

The goals of EUCIP are:

- To define an industry-driven standard for informatics professionals.
- To meet the demands of the increasing market for IT professionals across Europe.
- To contribute to closing the IT skills gap in Europe.
- To offer a vehicle for life-long learning and competency enhancement for the IT profession.

Who is EUCIP for?

The qualification is aimed at practitioners working in industry, government and public organisations alike. By establishing a professional IT standard, EUCIP creates confidence in a new pan-European skills standard for IT professionals, helping to close the IT skills gap, and increase the labour market value of certified practitioners.

The Benefits of EUCIP

The main advantage of EUCIP over other technical IT certifications is its independence from ICT vendors and proprietary technologies, in addition to the breadth and standardisation of its Elective Profiles. EUCIP holders can be assured that their IT competence is accepted and valued across Europe by all industry stakeholders including corporations, government and public organisations.



The Benefits of EUCIP (continued)

The EUCIP certification programme is characterised and distinguished by the following benefits:

International Qualification

EUCIP is an international qualification sponsored and guaranteed by CEPIS (Council of European Professional Informatics Societies).

Flexibility

Candidates are offered a flexible delivery and examination approach.

- Tuition can take the form of classroom based instruction and workshops and/or online learning.
- The possibility to match own competences with the specified requirements in a flexible way.

Full Professional Recognition

For many people working in the IT industry, it is not easy to fulfil their ambitions and to progress from basic level qualifications to full professional certification. EUCIP provides a non-traditional pathway for such practitioners, providing a bridge to full professional recognition.

Breadth of applicability

Candidates from other disciplines may require IT certification. People who work in other specialised areas have an increasingly urgent need for IT skills to understand and manage IT projects in their organisations. The EUCIP certification provides an effective framework for the acquisition of these skills.

EUCIP Partners

Learning Providers

The Learning Providers make training and materials available for students to prepare for the EUCIP qualification, either in taught courses or via distance learning schemes. Learning Providers may also facilitate testing and certification for EUCIP Candidates, utilising EUCIP's online test-engine. Learning Providers must have EUCIP accreditation. For more information about becoming a EUCIP Learning Provider please contact:

info@eucip.com

Examination Centres

Learning Providers can also operate as Examination Centres. Examination Centre accreditation by EUCIP ensures that the Learning Provider has the on-site capability and all the necessary equipment to conduct testing for the EUCIP programme.

EUCIP Products

EUCIP covers a broad range of IT knowledge on core topics relevant to all IT practitioners. As the syllabus offers a solid grounding in the key areas of IT, it acts as an ideal foundation qualification for a range of IT jobs across all sectors. The EUCIP certifications are divided into three main areas:

1. EUCIP Core
2. EUCIP Professional
3. IT Administrator

1. EUCIP Core

The Core level provides students with a solid foundation for all types of IT related work. It gives a broad knowledge of the fundamental aspects of IT.

EUCIP Core is divided into three Knowledge Areas:

A. Plan Area: The Use and Management of Information Systems.

Refers to requirements analysis and planning in the use of information technology within an organisation. It is therefore directly concerned with management processes and defining requirements within a strategic perspective.

Subjects covered are:

- Organisations and their Use of IT
- Management of IT
- Measuring the Value of IT
- The Global Networked Economy
- Project Management
- Collaboration and Communication
- Legal and Ethical Issues

B. Build Area: Acquisition, development and implementation of Information Systems.

Includes processes for specification, development and testing, and maintenance of Information Systems.

It deals essentially with methodological and technological issues related to development processes.

Subjects covered are:

- Systems Development Process and Methods
- Data Management and Databases
- Programming
- User Interface and Web Design

C. Operate Area: Operations and Support of Information Systems

Concerns installation, supervision and maintenance of ICT systems. Essential topics include: management of networks, updates and add-ons, service delivery and support, security, etc.

Subjects covered are:

- Computing Components and Architecture
- Operating Systems
- Communications and Networks
- Network Services
- Wireless and Mobile Computing
- Network Management
- Service Delivery and Support

Testing is performed online and Candidates must pass a one hour test with a pass rate of 60%. The Core Level Certification is awarded after passing all three exams.

2. EUCIP Professional

EUCIP Professional allows Candidates to specialise in a particular role through further certification.

EUCIP Core is a pre-requisite for EUCIP Professional. The elective level of EUCIP allows Candidates to choose a specific profile that will qualify them as an ICT professional.

The Candidate can define a personal 'portfolio' with a relative degree of freedom to document the range of individual competences acquired through university, recognised professional courses and/or experience on the job. The chosen combination must be consistent with the relevant professional profile for which the Candidate intends to acquire the EUCIP Certification.

The evaluation method for obtaining the EUCIP Professional certification is based on a credit system which assigns varying amounts of points to the diverse elements (courses, certifications, etc.) composing an individual's 'portfolio'. Among professional courses recognised by EUCIP, special attention is given to courses which allow Candidates to achieve certifications from IT vendors, such as Microsoft, Oracle, SUN, Cisco, IBM, SAP, etc.

Following evaluation of a Candidates 'portfolio' and the relevant compliance with the chosen EUCIP profile, the examining commission summons the Candidate for a final discussion.

The number of different electives for IT related jobs can be quite varied, with various different skills classification models already in existence.

The main goal of the EUCIP Elective Professional level is to provide Candidates with:

- A choice of different EUCIP job profiles within IT for Certification ("EUCIP Elective Profiles").
- A choice of accredited learning elements ("EUCIP Elective Modules").
- A professional qualification that recognises that the Candidate can act effectively and consistently in their role.
- An approach to building up to a recognised EUCIP elective job certification.

There are twenty-two electives in the professional range:

- Information Systems Analyst
- Business Analyst
- Software Developer
- Network Manager
- Enterprise Solutions Consultant
- X-Systems Engineer
- Database Manager
- IS Project Manager
- IS Manager
- IS Quality Auditor
- Logistics & Automation Consultant
- Sales & Application Consultant
- Client Services Manager
- IT Systems Architect
- Web & Multimedia Master
- Systems Integration & Testing Engineer
- Telecommunications Engineer
- Network Architect
- Security Advisor
- Configuration Manager
- Help Desk Engineer
- IT Trainer

3. IT Administrator

IT Administrator is a standalone certification programme that certifies practical and theoretical knowledge of computer technicians/specialists.

This certification programme covers several areas, ranging from Hardware and Operating Systems to Networks and IT Security.

Each of its five modules can be seen either as a single element of certification or as a step to achieve the complete title of EUCIP IT Administrator.

The programme is aimed at small to medium-sized companies (including educational institutes and local branches of large organisations), that require in-house expertise in IT and also individuals who wish to broaden IT knowledge and be able to administer systems and networks.

The Candidate that has successfully completed the certification programme will be able to:

- Operate as an internal consultant for hardware, operating systems, networks and IT security.
- Follow technical developments in order to ensure effective utilisation of new technologies.
- Operate as market consultant for purchasing hardware and software for an organisation.
- Help and support the network users with everyday problems.
- Assure the safety of the company data by protecting them from loss, virus attacks and hacking.
- Be able to communicate with specialised personnel from different hardware/software vendors in order to obtain proper solutions to the organisation's needs.

The Syllabus consists of the following five modules:

Module 1 PC Hardware

Module 2 Operating Systems

Module 3 Local Area Network & Network Services

Module 4 Expert Network Use

Module 5 Security

