



Certified Network Cable Installer (CNCI®)

Shaping the Future of the
Network Infrastructure Sector



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Shaping the Future of the Network Infrastructure Sector

The industry approved certification for the network cable infrastructure sector.

Become part of the biggest change in the Network Infrastructure Industry in many years...

The **Certified Network Cable Installer (CNCI®)** is the new must-have certification for all those working within the industry and is endorsed by many of the industries major organizations.

Born out of close collaboration with the industry and CNet Training's experience and expertise, the CNCI® is the first official certification designed specifically for the network cabling industry.

It's a ten day program that is dedicated to providing cable installers with everything they need to confidently and accurately prepare, install, test and certify copper and fiber cabling systems, specifically for those wishing to demonstrate the highest levels of knowledge, skills and expertise in network cable infrastructure.

Blending a perfect mix of theoretical study and practical exercises the CNCI® certifies individuals' ability to work to the correct cabling standards and follow the recommended codes of practice when undertaking cable installation projects.

The CNCI® Program is Endorsed by:

- ▶ Industry Associations
- ▶ Consultants
- ▶ Installers
- ▶ Manufacturers

CNCI® Benefits

For Industry Associations

Associations are recognizing the importance and impact of the CNCI® program and associated certification within their own sectors. They are recognizing the value of the high level of education and knowledge of best practices that the CNCI® provides and see the value of their members being CNCI® certified. This important step is allowing their members and clients to demonstrate competency, confidence and quality, in addition to valuable reassurance to end users.

For Consultants

The CNCI® program and associated certification is helping to shape the future of the network infrastructure industry by introducing professional and industry recognized certification to cable installers. Major consultants are specifying CNCI® program on many tender documents as the must have certification to be eligible to undertake projects.

For Installers

The CNCI® provides the very latest information about the preparation and installation of network infrastructure cabling. Once achieved the CNCI® certification ensures individuals are qualified to work to the correct cabling standards and follow the recommended codes of practice when undertaking cable installation projects. It demonstrates the highest levels of knowledge, skills and expertise in network infrastructure.

With a team of professionally trained and certified individuals the risks are significantly reduced and organizations can feel confident that their staff are competent. When you consider the huge risks associated with not employing professionally qualified staff, coupled with the impressive return on investment you can gain from utilizing trained staff, the answer is to have trained and qualified employees you can rely on to deliver consistent results.

The CNCI® offers the perfect solution to network cabling organizations to help ensure they continue to deliver quality of service and confidence to the market place, in addition to helping secure your organizations professional reputation.

For Manufacturers

Major manufacturers endorse the certification knowing that it provides the right level of technical knowledge, competence and confidence to the industry whilst demonstrating capability and credibility. Many also recognize it towards their own product training.

Program Overview

Demonstrate the highest levels of knowledge, skills and competency in network cable infrastructure. Undertake copper and fiber cabling installation, termination and testing to the highest quality whilst complying to industry best practice and standards to ensure a right first-time approach.

The Certified Network Cable Installer (CNCI®) has become the industry preferred certification for network cable installation and is specified as a requirement on many job profiles and installation project contracts. In addition, manufacturers, major installation companies, associations and consultants endorse the certification knowing that it provides the right level of technical knowledge, competence and confidence to the industry. In recognition of the CNCI® certification many manufacturers also award accreditations towards their product warranties.

It's a comprehensive ten-day program that blends a perfect mix of technical knowledge and practical activities for both copper and fiber component installation. Official CNCI® certification proves that an individual is certified to undertake network cable infrastructure projects to the highest calibre whilst working to the current national and international industry standards and industry best practice. During the program learners will be provided a valuable opportunity to access the latest industry standards.

Having successfully completed this program, and with the appropriate level of experience, it is highly recommended that you continue your professional development by advancing your knowledge and skills to gain further official certifications and qualifications by progressing through The Global Digital Infrastructure Education Framework which maps education programs to career advancement throughout the network infrastructure and data center sectors.

The CNCI® program is classroom-based and led by one of CNet's expert Instructors.

CNCI® Topics at a Glance

CNCI® Copper Cabling

- ▶ Introduction to Structured Cabling
- ▶ LAN Hardware
- ▶ Installing Structured Cabling
- ▶ Network Overview
- ▶ Signal Theory
- ▶ Health & Safety
- ▶ Standards
- ▶ Fire Safety
- ▶ Documentation & Labeling
- ▶ Testing & Commissioning
- ▶ Practical

CNCI® Fiber Optic Cabling

- ▶ Safely Working with Fiber/General safety
- ▶ Network Overview
- ▶ Hardware
- ▶ Theory of Light Transmission
- ▶ Cable
- ▶ Enclosures
- ▶ Standards
- ▶ Connectors
- ▶ Outside Plant (OSP)
- ▶ Fiber Splicing
- ▶ Fiber Termination

Program Content

Learner Profile

The CNCI® program is perfect for individuals wishing to acquire the very latest skills and knowledge to enable them to complete both copper and fiber cable installation projects to the highest standards. It is relevant to new entrants to the network cable infrastructure sector in addition to those already working within the cable installation environment wishing to formalize their knowledge and skills.

Pre-requisites

No previous experience is required to attend this program

Program Objectives

Successful learners will have the knowledge and skills to confidently install, test and certify a complete copper and fiber cable installation. This forms part of the entry level requirement into the Global Digital Infrastructure Education Framework which allows learners to progress their knowledge, education and skills in line with their career within these fast moving industries. See www.cnet-training.com to view the Global Digital Infrastructure Education Framework.

Qualifications

- ▶ Level 3 BTEC Award in Data Communications Cable Installation (Copper)
- ▶ Level 3 BTEC Award in Data Communications Cable Installation (Fiber Optic)

Certification

- ▶ Official Certified Network Cable Installer (CNCI®) certification
- ▶ Use of the CNCI® logo
- ▶ Use of CNCI post nominal title

Certifications are a commitment to life-long learning and offer the perfect portal to ensure knowledge, skills and certification remain current and up-to-date. Each certification gained requires re-certifying every three years via a simple online system.

Additional Awards

- ▶ Continual Professional Development (CPDs)
- ▶ IEEE Continual Education Units (CEUs)

The Global Digital Infrastructure Education Framework

The CNCI® program represents level 3 on The Global Digital Infrastructure Education Framework, the only framework in the world that maps professional learning, education, qualifications and official certifications with roles and career progression throughout the industry.

The Global Digital Infrastructure Education Framework

From qualification level 3 through to comprehensive network infrastructure design or the data center design programs at level 5. The framework provides clarity and offers industry professionals an opportunity to map professional education to meet their career requirements. It is recognized and respected across the industry and provides designations that have become key skills reference points that allow those holding them to clearly demonstrate their ability and experience.

Each program has been designed to address the skills and knowledge requirements of the industry and cross references to the very latest U.S. - European and International standards and best practices.

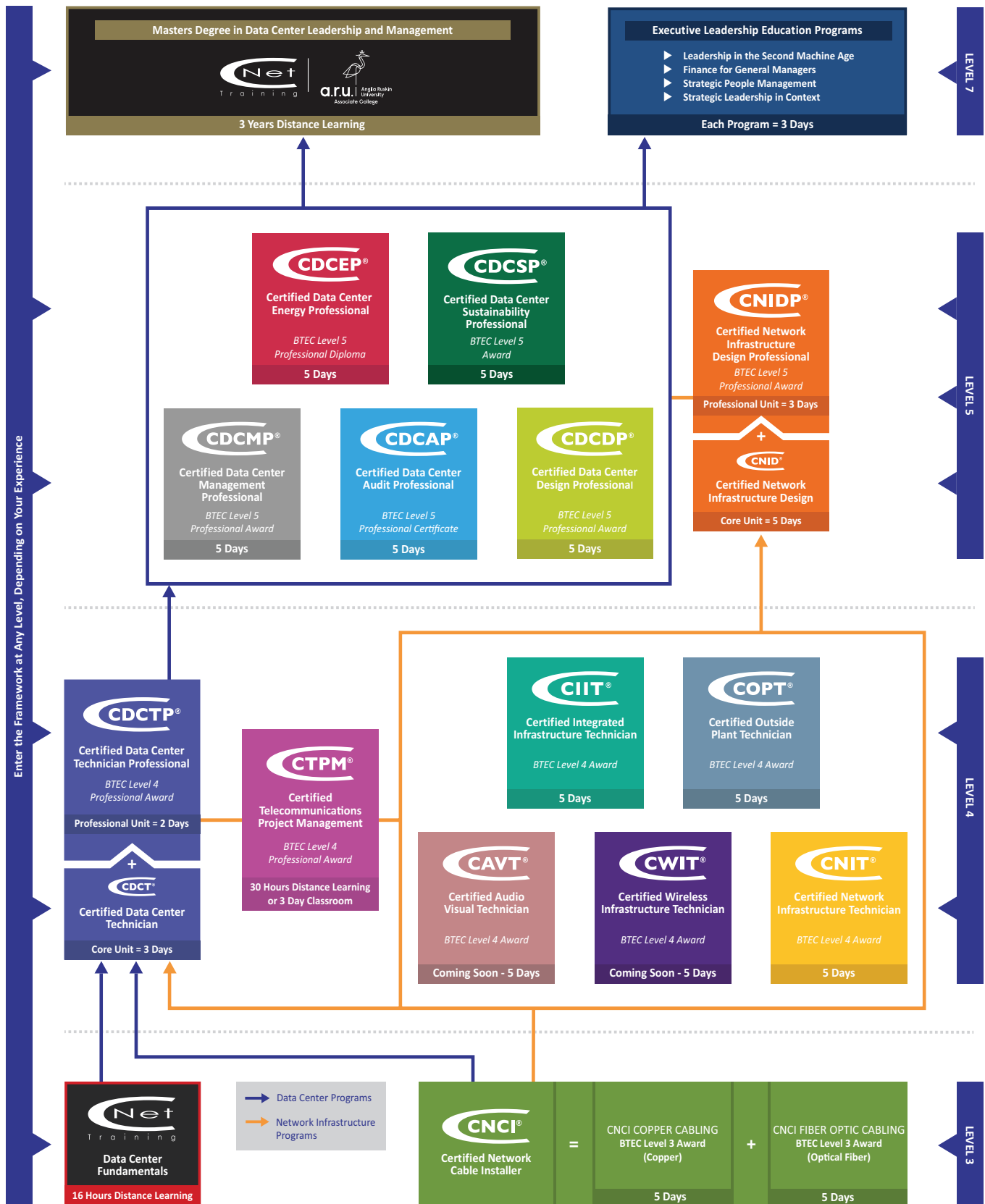
Whilst the programs flow perfectly from one to another they are of equal value as stand alone programs, plus you can enter the framework at any level depending on your level of experience.

So, whatever your job role, you will be able to find a program to suit you.

The **Network Infrastructure Education Framework** forms part of the renowned **Global Digital Infrastructure Education Framework**, starting with the CNCI® program, it maps professional education throughout the data center industry through to the world's first and only Masters Degree in Data Center Leadership and Management.



The Global Digital Infrastructure Education Framework





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