CNCI®
Certified Network Cable Installer (CNCI®)
Shaping the Future of the
Network Infrastructure Sector
Net
Training
Customer Focused
Quality Driven
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Shaping the Future of the Network Infrastructure Sector

What is the Certified Network Cable Installer (CNCI®)?

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 organisations.

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 fibre 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

"NG Bailey IT Services are very excited about our partnership with CNet Training. The CNCI® training program will support our business direction and ultimately further enhance our "best in class" service to our clients in the future."
- Bob Dunnett, Managing Director, NG Bailey's IT Services Division

"I am pleased to confirm that Maxxam Cabling Solutions endorses the CNCI® certification. Furthermore, I can confirm that we will accept companies who have a minimum of two engineers that have successfully completed the CNCI® program on to the Maxxam Installer Partner program without the need for them to complete any further formal training."
- Nick Andrews, Technical Manager, Maxxam Cabling Solutions

"At Computacenter we are delighted that the CNCI® training program will bring a defined and appropriate level of competence, and therefore confidence, that is much needed. Whilst we feel we offer the highest levels of service today, the CNet Training program brings an industry recognised certification that will demonstrate both capability and credibility and we welcome it."
- Jamie Allender, Head of Physical Infrastructure, Computacenter

"LMG and CNet Training began a collaboration using the CNCI® (Certified Network Cable Installer) program some time ago to bring infrastructure working practices into the business and test competency of engineering standards in a practical setting. Now our engineers are fully prepared for any future solution when on site and have the confidence and knowledge so critical in this market. In our experience the synergy between sound business ethics, good training practices and adaptive partnership has enabled strong, sustainable and ethical business development."
- Ieuan Rowe, Managing Director of LMG

CNCI® Benefits

For Industry Associations

Associations are recognising the importance and impact of the CNCI® program and associated certification within their own sectors. They are recognising 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 recognised 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 organisations can feel confident that their staff are competent. When you consider the huge risks associated with not employing professionally qualified people staff, coupled with the impressive return on investment you can gain from utilising 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 organisations to help ensure they continue to deliver quality of service and confidence to the market place, in addition to helping secure your organisations 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 recognise it towards their own product training.

"Elecomm decided to support the CNCI® program by CNet Training as part of the comprehensive accreditation process that our engineers must follow. The CNCI® training program brings the appropriate level of competence along with the right level of technical knowledge and skills, and therefore provides reassurance to our customers. The feedback we have had from Elecomm staff that have successfully completed the CNCI® program, and therefore become officially certified, has been that the program was excellent."

- Chris Thomas, Managing Director – Data/IT Services Division, Elecomm Ltd

CNet Training also offer up to **12 months interest free payment options** for those in the UK.

Program Overview

Demonstrate the highest levels of knowledge, skills and competency in network cable infrastructure. Undertake copper and fibre 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 fibre 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 centre sectors.

The CNCI® program is classroom-based and led by one of CNet's expert Instructors. It provides eligibility for an ECS (Electrotechnical Certification Scheme) Datacomms card. Project managers, IT personnel, Installation Technicians, Network Engineers, Data Centre Technicians and electrical engineers would all benefit from attending the CNCI® program.

electrotechnical certification scheme

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 & Labelling
- Testing & Commissioning
- Practical

CNCI® Fibre Optic Cabling

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

Program Content

The **Certified Network Cable Installer (CNCI®) - Copper Cabling** and the **Certified Network Cable Installer (CNCI®) - Fibre Optic Cabling** are each five days in duration.

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 fibre 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 formalise 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 fibre 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

- BTEC Level 3 Award Certified Network Cable Installer (Copper)
- BTEC Level 3 Award Certified Network Cable Installer (Optical Fibre)

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 an online learning management system.

Additional Awards

- Eligibility for an ECS (Electrotechnical Certification Scheme) Datacomms card for both Datacomms Specialist and Advanced Datacomms Specialist
- Continual Professional Development (CPDs)
- 10 IEEE Continual Education Units (CEUs)
- Fluke CCTT® certification

Electrotechnical Certification Scheme – ECS

The CNCI Level 3 qualifications provide eligibility for an ECS (Electrotechnical Certification Scheme) Datacomms card for the following cards and effectively provide a license to practice:

- Datacomms Specialist (CNCI)
- Advanced Datacomms Specialist (CNCI)

electrotechnical certification scheme

The Network Infrastructure Education Roadmap

The CNCI® program represents level 3 on The Network Infrastructure Education Roadmap, the only framework in the world that maps professional learning, education, qualifications and official certifications with roles and career progression throughout the network infrastructure sector.

From qualification level 3 through to comprehensive network infrastructure design or the data centre 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 recognised 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.

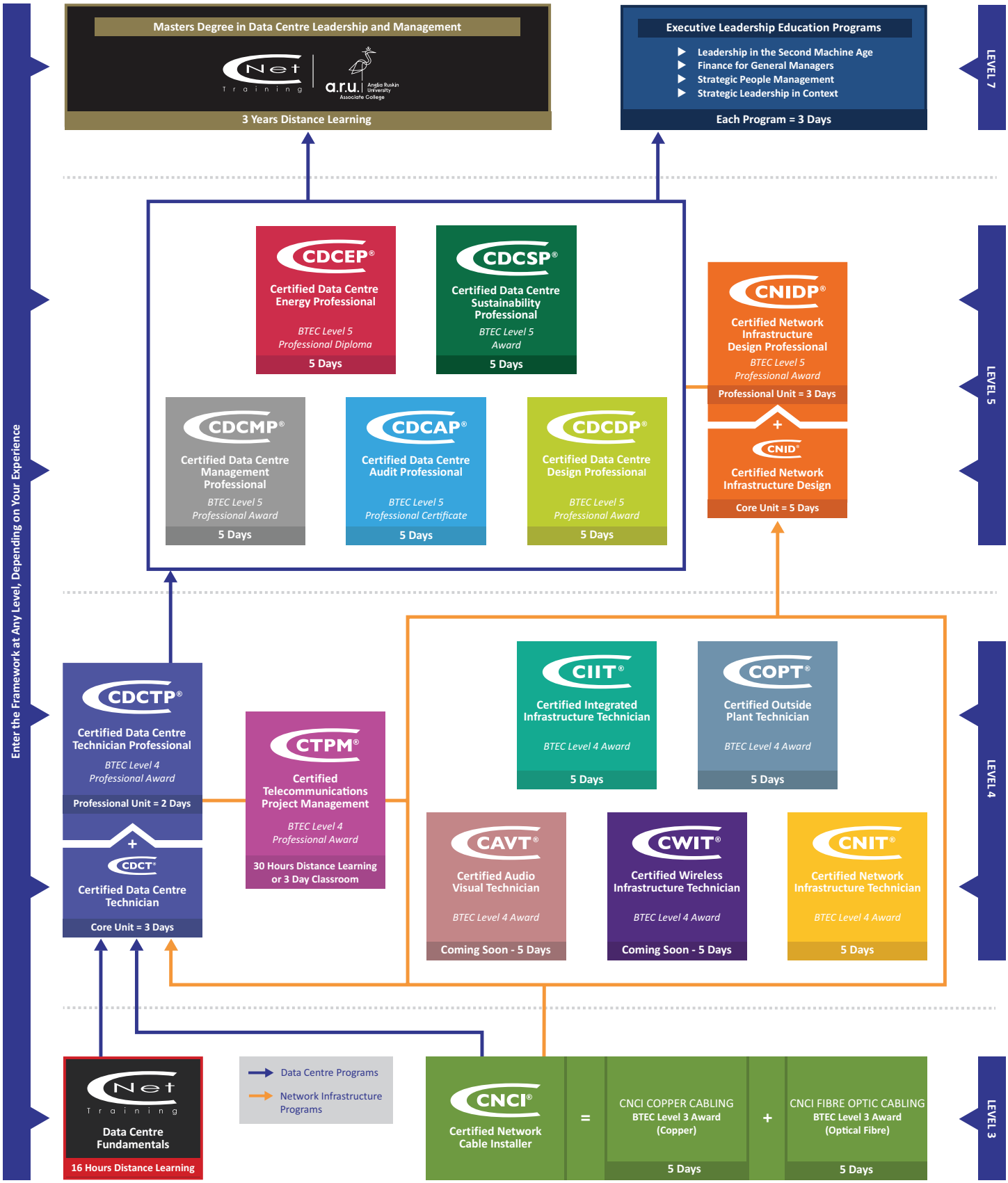
Each program has been designed to address the skills and knowledge requirements of the industry and cross references to the very latest European and International standards and best practices.

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 centre industry through to the world's first and only Masters Degree in Data Centre Leadership and Management.

The Global Digital Infrastructure Education Framework



Endorsers

The following organisations fully support and endorse the CNCI® certification:

Industry Acceptance

"To become a Datwyler Installation Partner students can attend the CNCI® (Certified Network Cable Installer) program, carried out by CNet Training and just a 2 hour Datwyler accreditation."
Paul Hunter, Technical Director, iDaC Solutions

"The CNCI® incorporates the Excel System Installation program, eliminating the need for individuals to attend the 2-day Excel program and just take the Excel Online training element."
Tracey Calcutt, Marketing Manager, Mayflex

"Our team is highly qualified and we understand that constant training and development is key to helping them deliver every time for our customers. CNet Training's CNCI® program provides the perfect opportunity for us to get behind a recognised certification that provides the right level of technical knowledge and gives reassurance to customers. The feedback we have had from our staff that have attended the CNCI® program has been excellent, even those with lots of experience have found the program challenging and rewarding."
Matt Salter, Operations Director, Redstone Converged Solutions

"Matrix Cabling recognises and endorses the CNCI® program as an ideal qualification for existing experienced installers. Installers who have successfully completed this program are able to register to become a Matrix Cabling Approved Installer, whereby they can offer a 25 year warranty, on all Matrix registered installations."
Ian Bankhurst, Managing Director, Matrix Cabling

"The CommScope Infrastructure Academy recognises that industry based training and apprentice schemes, where students benefit from practical 'hands-on' instruction, play a vital role in raising the skill levels of field personnel across the industry. Installer training schemes such as CNet's CNCI® cover much of the general cabling installation techniques, codes and guidelines. CNCI® certified individuals can utilise CommScope's Infrastructure Academy's Flexible Course Facility to modify the installation training rather than attend the 2-day installation course."
CommScope Infrastructure Academy

Feedback From CNCI® Learners

"The CNCI® was a really good program. The content is comprehensive and relevant. The tutor is capable and knowledgeable with ample on-site experience to offer useful analogies and understands the issues faced by installers in the field."

Project Manager, Elecomm

"Really great program - enjoyed all elements. The instructor was brilliant - extremely knowledgeable in this field, made the program interesting and promoted interaction at all times."

Corporate Services Expert, Visa

"The instructor was very enthusiastic about the topic and it was fun learning from him. I enjoyed the program and learnt a lot that I can take back to my installations and customers."

Data Engineer, NG Bailey

"Lots of good program material included in the program. Excellent training methods."

Data Engineer, Curran IT & Electrical Services Limited

"Jamie is a great instructor, and a great asset to CNet. He answered all questions in detail and is able to work with all of us no matter the level of competancy."

Product Manager, Edmundson Electrical

"Very interesting program, well delivered and informative."

Project Engineer, Blackbox

"I found the program really helpful, and found the days were quite enjoyable. Tim was great and helped me understand certain aspects very well."

Engineer, RTF Networks

Our Network Infrastructure Centres

The CNCI® Program is currently available at six locations across the UK.

Contact us today to discuss how you can benefit from CNCI® certification.

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