

3 February 2014

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## City & Guilds

### **500/9795/7 Level 3 Certificate in Designing and Planning Communications Networks (Internal) or (External overhead) or (External Underground)**

#### **OVERVIEW**

##### What does this qualification cover?

The Level 3 Certificate in Designing and Planning Communications Networks qualification comprises one mandatory units and optional units to provide skills and knowledge to underpin the skills required to design different types communications networks. The mandatory unit is:

- Concepts of Designing and Planning a Network Cabling Infrastructure

Optional units include such topics are;

- Customer care in ICT
- Interpersonal and written communication
  
- Design and Plan for an Internal Network Cabling Infrastructure
- Design and Plan for an External Overhead Network Cabling Infrastructure
- Design and Plan for an External Underground Network Cabling Infrastructure

This is a Framework qualification.



### Who could take this qualification?

The Level 3 Certificate in Designing and Planning Communications Networks is designed for those looking to develop and practise the skills required for gaining employment into the IT and Telecoms sector.

No previous experience or qualifications in ICT are expected, though the learner would benefit from having taken;

- 501/1671/X Level 1 Certificate in ICT Professional Competence
- 500/3475/3 Level 2 Award in ICT Systems and Principles
- 501/1623/X Level 2 Certificate in ICT Systems Support
- 500/8616/9 Level 2 Award in Communications Cabling - Fibre Optic Cabling in an Internal Environment
- 500/8616/9 Level 2 Award in Communications Cabling - Fibre Optic Cabling in an External Environment
- 500/8616/9 Level 2 Award in Communications Cabling - Copper Cabling in an Internal Environment

The qualification is suitable for a wide age range starting at 16.

### **What could this qualification lead to?**

#### Will the qualification lead to employment?

This may provide some basic skills and knowledge for a learner to undertake assistant roles within a supervised environment, in areas such as;

- Network designer
- Systems architect
- Telecommunications planner

#### Will the qualification support progression to further learning?

The Level 3 Certificate in Designing and Planning Communications provides the underpinning knowledge and skills that would allow a learner to gain or improve their skills by undertaking a higher level qualification, such as;

- 500/3476/5 Level 3 Certificate in ICT Systems and Principles
- 501/1585/6 Level 3 Diploma in ICT Systems Support
- 501/0277/1 Level 3 Diploma for ICT Systems and Principles for IT Professionals
- 501/1788/9 Level 3 Diploma in ICT Professional Competence
- 601/1487/3 Level 3 Diploma in Information Security
- Advanced Apprenticeship in IT, Software, Web and Telecoms
- 600/6124/8 Level 4 Diploma for ICT Systems and Principles for IT Professionals
- 501/1787/7 Level 4 Diploma in ICT Professional Competence
- Higher Apprenticeship in IT, Software, Web and Telecoms

#### Using this size of qualification

This qualification has been created to provide the practical elements for those looking to undertake a role within the ICT industry and allows learners to concentrate on a specific area communications in a computer or telecommunications environment, gaining the skills and knowledge to progress into a specific role.

Who supports this qualification?

**Employers**

**Cisco**

Ian Foddering  
020 8824 1000

**Microsoft**

Sarah Foxall  
0844 800 2400

**Trade Body**

**CompTIA**

Graham Hunter  
0207 330 6060

**IBM**

Paul D Jagger  
023 9256 1000

**Esuasive** Colin Weaver  
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