



NCFE Level 4 Diploma: Cyber Security Engineer - HTQ

A Higher Technical Qualification equipping you with the engineering skills and behaviours to advance into professional cyber security roles.

**Study it online.
Finish with a qualification
that is on your record for life.**

WHERE IT SITS

- Entry
- Level 1
- Level 2
- Level 3
- **Level 4**
- Level 5

Level 4
REGULATED LEVEL

510
LEARNING HOURS

6
UNITS

100%
ONLINE



Delivered online

Tutor support. Start when you are ready.



Assessed on your work

A portfolio of your own work. No written exam.



Awarded by NCFE

Ofqual-recognised. We are approved centre 11001657.



Ask us

For the fee and the next start date.



Start when you are ready

510 guided learning hours; self-paced online study, typically one to two years



Tutor support throughout

Questions answered within 2 working days, feedback within 10.



Nothing paid at application

Payment only after you accept an offer.

WHAT YOU WILL STUDY

6 units, 510 guided learning hours



■ Principles of cyber security	105 h · 21%
■ Cyber security architecture	120 h · 24%
■ Legislation, policies and procedures in cyber security	45 h · 9%
■ Threat intelligence in cyber security	120 h · 24%
■ Risk assessment in cyber security	60 h · 12%
■ Cyber security management	60 h · 12%

UNIT BY UNIT

What each unit covers

01. Principles of cyber security

105 hours

- ✓ Examine principles of cyber security within organisations and society
- ✓ Apply programming and scripting languages to design or end user requirements
- ✓ Explore factors that contribute to security functionality in cyber security

02. Cyber security architecture

120 hours

- ✓ Explore networking model and protocols
- ✓ Apply the concepts of cryptography
- ✓ Apply the characteristics of digital system components, implementing security controls

03. Legislation, policies and procedures in cyber security

45 hours

- ✓ Explore the fundamentals of common legislation and standards applicable to cyber security
- ✓ Apply the fundamentals of IT service management (ITSM)
- ✓ Examine common factors of security management

04. Threat intelligence in cyber security

120 hours

- ✓ Explore common cyber security threats and attack techniques
- ✓ Analyse the horizon of cyber security trends
- ✓ Examine vulnerabilities and mitigations

05. Risk assessment in cyber security

60 hours

✓ Examine operating system security features

✓ Assess risk management in cyber security

06. Cyber security management

60 hours

✓ Analyse employer and end user requirements

✓ Apply principles of incident investigation in cyber security management

The learning outcomes NCFE publishes for each unit. The assessment criteria beneath them are on the qualification page.

6

UNITS TO COMPLETE

16

LEARNING OUTCOMES

510

GUIDED LEARNING HOURS

Guided learning hours are the taught time NCFE specifies. Your own study time is on top, and how long you take is up to you.

HOW IT WORKS

From your first unit to your certificate

01

You produce evidence

A portfolio of your own work, against the published criteria.

02

An assessor marks it

Qualified, and required to show current competence in the sector they assess.

03

The marking is checked

Sampled internally each term, and quality assured by NCFE from outside the school.

04

NCFE certificates you

Claimed through the NCFE portal. Recognised independently of us.

WHAT WE COMMIT TO

Answers, in working days



Within 2 working days

General questions



Within 10 working days of submission

Assessment feedback



Within 1 working day

Technical problems



Within 1 working day

Urgent welfare concerns

Published in DAIS-POL-024 Online Learning and Digital Delivery, and on every qualification page.

GETTING ON

Entry requirements



Learners are typically aged 18 or above.



No mandatory prior qualifications, though a relevant Level 3 qualification (in cyber security, IT or digital) is strongly recommended.



A good standard of English and maths is expected for higher technical study.



This is an approved Higher Technical Qualification (HTQ).

THE COST

How paying works

TWO WAYS

Pay in full, which costs less than the published fee, or pay monthly. No interest and no credit agreement, and the payments stop on their own.

THE CURRENT FEE

On the qualification page at dataaischool.com, or ask us and we will tell you. It is not printed here, so nothing in this guide can quote you a price we are no longer charging.

Nothing is paid when you apply. Payment is taken only after you accept an offer, and we confirm the amounts with you first.



How long it takes. 510 guided learning hours; self-paced online study, typically one to two years

BEFORE YOU START

What you need to take part



Device

Laptop or desktop computer



Operating system

Windows 10 or macOS 10.15 or later



Browser

Google Chrome or Mozilla Firefox, latest version



Internet speed

10 Mbps download and 5 Mbps upload



Webcam

Required for live sessions and identity verification



Microphone

Required for live sessions

Published in DAIS-POL-024, and told to every learner before enrolment.

IN MORE DETAIL

About this qualification

This Level 4 Diploma is a Higher Technical Qualification (HTQ) approved by the Institute for Apprenticeships and Technical Education, designed to give learners the knowledge, skills and behaviours needed for a variety of cyber security roles. Its mandatory units cover principles of cyber security, cyber security architecture, legislation, policies and procedures, threat intelligence, risk assessment, and cyber security management. It is aimed at those who want to begin or advance a career in cyber security, ...

ASKED BEFORE

Questions people ask

Who awards NCFE Level 4 Diploma: Cyber Security Engineer - HTQ, and how do I get my certificate?

NCFE Level 4 Diploma: Cyber Security Engineer - HTQ is awarded by NCFE, an Ofqual-approved awarding organisation, and sits on the Regulated Qualifications Framework (RQF). The qualification number is 603/7748/3. The Data and AI School of London is an NCFE approved centre (Account No. 11001657). ...

How long does NCFE Level 4 Diploma: Cyber Security Engineer - HTQ take?

This qualification carries 510 guided learning hours. It is studied online at your own pace, so how long it takes in calendar time depends on how much you can commit each week.

What do I need before I can start?

Learners are typically aged 18 or above. We assess every applicant individually and will tell you if a different level would suit you better.

The same answers as the qualification page, built from the same record.

NEXT STEP

Apply, or ask us first

Applying costs nothing and commits you to nothing. Eight short steps, no card details and no deposit. We check the qualification suits you and say so if another fits better, and payment is taken only after you accept an offer.

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We reply within 2 working days



Scan for the full details

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