

NCFE Level 3 Certificate in Coding Practices

Level 3 coding: methodologies, requirements, coding standards and design, databases, writing and debugging interpreted and compiled code, testing, and deployment. 180 guided ...

**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 3

REGULATED LEVEL

180

LEARNING HOURS

5

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

180 guided learning hours, 260 total hours, self-paced online



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

5 units, 180 guided learning hours



Coding requirements and planning	30 h · 17%
Understand coding design	40 h · 22%
Implementation of coding	40 h · 22%
Software testing	40 h · 22%
Understand deployment, maintenance and configuration management	30 h · 17%

UNIT BY UNIT

What each unit covers

01. Coding requirements and planning

30 hours

- ✓ Understand software methodologies in project management
- ✓ Understand risk management
- ✓ Understand the capture and documentation of requirements
- ✓ Understand how teamwork contributes to effective delivery of software

02. Understand coding design

40 hours

- ✓ Understand the use of coding standards
- ✓ Know about coding reviews
- ✓ Understand the principles of interface design
- ✓ Understand the purpose of good coding principles and practices
- ✓ Understand databases
- ✓ Understand the importance of building security by design into software at the development stage

03. Implementation of coding

40 hours

- ✓ Understand tools used in coding
- ✓ Be able to debug and write code
- ✓ Understand key concepts of coding

04. Software testing

40 hours

- ✓ Understand different levels, types and methods of testing
- ✓ Be able to identify and fix a bug
- ✓ Know about test driven development

05. Understand deployment, maintenance and configuration management

30 hours

- ✓ Know about deployment
- ✓ Understand configuration management and version control systems
- ✓ Understand maintenance in coding

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

5

UNITS TO COMPLETE

19

LEARNING OUTCOMES

180

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



There is no specific prior knowledge a learner must have for this qualification.



Learners should be aged 16 or above to undertake this qualification.

✓ Learners may find it helpful if they have already achieved a Level 2 digital skills or information technology related qualification, and a Level 2 mathematics qualification.

✓ You will need a computer with a development environment, as Units 03 and 04 require you to write, debug and fix code.

✓ Work or industry placement experience is not required.

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. 180 guided learning hours, 260 total hours, self-paced online

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 is a regulated Level 3 qualification (NCFE qualification number 603/5793/9). It is designed for learners who want to increase their knowledge, skills and understanding of coding. Successful completion of the required units will allow you to develop in-depth knowledge, skills and understanding of coding practices, and it supports progression into

relevant employment and further study in coding. Throughout this qualification the term coding is used, which is also known as programming. This qualification has been allocated UCAS points. Please refer to the UCAS website for the points allocation and the most up-to-date information. The ...

ASKED BEFORE

Questions people ask

Who awards NCFE Level 3 Certificate in Coding Practices, and how do I get my certificate?

NCFE Level 3 Certificate in Coding Practices is awarded by NCFE, an Ofqual-approved awarding organisation, and sits on the Regulated Qualifications Framework (RQF). The qualification number is 603/5793/9. The Data and AI School of London is an NCFE approved centre (Account No. 11001657). We register ...

How long does NCFE Level 3 Certificate in Coding Practices take?

This qualification carries 180 guided learning hours and a total qualification time of 260 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?

There is no specific prior knowledge a learner must have for this qualification. We assess every applicant individually and will tell you if a different level would suit you better.

Can I study this entirely online?

Yes. Teaching, materials and assessment are all delivered through our Moodle-based virtual learning environment, so you can study from anywhere in the UK. You need a laptop or desktop computer, a current version of Chrome or Firefox, and a broadband connection of at least 10 ...

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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