

3849

City &  
Guilds

MATHS &  
ENGLISH

**THE LEVEL 3 CORE MATHS**

**QUALIFICATION FROM CITY & GUILDS**

**USING AND APPLYING**

**MATHEMATICS**

# LEVEL 3 CERTIFICATE IN USING AND APPLYING MATHEMATICS (3849)

A Level 3, post-GCSE, qualification, designed to help learners develop the confidence to use and apply maths critically to solve problems, as well as to make sense of complex situations that might arise in work, further learning or life in general.

City & Guilds number	Accreditation number	Qualification title	Guided Learning Hours
3849-03	601/4708/8	Level 3 Certificate in Using and Applying Mathematics	180

## What is Level 3 Core Maths?

Around 40 per cent of 16 year-olds in England currently achieve a grade C or above in GCSE Mathematics but then do not continue to study maths. The Government wants to encourage all 16-18 learners to continue studying maths.

Core Maths is a **new category** of Level 3 qualification, intended for 16-18 learners in England who have already achieved A\*-C grade GCSE Mathematics. As well as attracting UCAS Tariff points, Core Maths will count towards the Department for Education (DfE) Technical Baccalaureate performance measure.

**Similar in size and status to an AS Level**, Core Maths qualifications are designed to equip learners with the higher level maths skills and independence needed for success in a range of Higher Education courses, as well as to support entry to various professional, managerial and business careers.

## What's different about City & Guilds' Level 3 Core Maths qualification?

City & Guilds worked with a range of maths experts, employers and universities to develop this qualification. We recognised that traditional maths qualifications can be disengaging for some learners, instead looking in the first instance at how maths is used in modern workplaces.

Our **Level 3 Certificate in Using and Applying Mathematics** will help learners:

- Develop fluency in using maths, particularly the critical perspective needed to evaluate numerical information they come across in their studies, at work or in society.
- Understand how mathematical modelling can be used across a range of contexts to gain insight and solve problems.
- Gain confidence in their own use of modelling, as well as in making sense of mathematical work produced by others.
- Communicate effectively using a range of mathematical representations (eg graphs and charts), as well as how to present convincing mathematical explanations/arguments.

## How is this qualification assessed?

The Level 3 Certificate in Using and Applying Mathematics is 100% externally assessed. Level 3 Core Maths is intended to be a two-year programme. There will be **two** papers, Paper 1 will take place on 17 May 2017, Paper 2 will take place on 24 May 2017

Paper 1	Paper 2
Mathematical Modelling	Mathematical comprehension and communicating with mathematics
1 hour 30 mins	2 hours

Source materials will be released in advance of each exam.

Both papers will encourage learners to **use digital tools and other resources** that would normally be available in real life/work situations: eg using data from a spreadsheet to create graphs, rather than hand-drawing onto graph paper.

## DfE and UCAS recognition

The DfE has announced this qualification will be included as part of the new **Technical Baccalaureate** measure in school and college performance tables, and UCAS has also confirmed this qualification will attract tariff points as for entry to HE from 2017:

Grade	Points
A	20
B	16
C	12
D	10
E	6

## Why work with us?

City & Guilds is the UK's leading vocational awarding organisation, trusted by learners and recognised by over 99% of employers. Our experience of offering numeracy/maths qualifications to young people and adults is unrivalled, as is our ability to link these skills to vocational and real-life situations.

## What support is available?

A qualification handbook, along with separate teacher guide, sets out the requirements of the qualification in full, alongside **detailed delivery guidance** and **sample activities**.

We'll be adding **further** sample activities and delivery guides over the next few months to help practitioners get to grips with this qualification, as well as running a series of **support events and webinars** to explain more about this qualification. For further details of what's coming, please visit [www.cityandguilds.com/coremaths](http://www.cityandguilds.com/coremaths).

If you're involved in one of the Core Maths Support Programme early adopter or early developer projects, please get in touch ([mathsandenglish@cityandguilds.com](mailto:mathsandenglish@cityandguilds.com)) to discuss how we can work with you.

## Part of our wider Maths and English offer

**Level 3 Using and Applying Mathematics is part of a range of qualifications and learning resources from City & Guilds to support the development of maths and English.**

For more information about the complete City & Guilds Maths and English offer, visit [www.cityandguilds.com/mathsandenglish](http://www.cityandguilds.com/mathsandenglish).

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