

National 4 Mathematics (Course Code: C747 74)

SCQF Level 4 (24 Credit Points)

Why study Mathematics?

Mathematics is important in everyday life, allowing us to make sense of the world around us and to manage our lives. Using mathematics enables us to model real-life situations and make connections and informed predictions. It equips us with the skills we need to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions.

You will also get to develop skills in the areas of algebra, geometry and trigonometry.

What will I study?

In this course you will build on your previous mathematical experience. You will learn to interpret information and solve problems relevant to real life and mathematical situations. You will use, explore and manage mathematical language and ideas, which are all important in scientific and research work.

The course has **three** compulsory units, plus an **added value** unit that assesses your practical skills.

Mathematics: Expressions and Formulae (6 SCQF credit points) In this unit you will:

- use mathematical operational skills linked to expressions and formulae, such as manipulating abstract terms, simplifying expressions and evaluating formulae
- cover aspects of algebra, geometry, statistics and reasoning.

Mathematics: Relationships (6 SCQF credit points) In this unit you will:

- solve equations, understand graphs and work with trigonometric ratios
- cover aspects of algebra, geometry, trigonometry, statistics and reasoning.

Numeracy (6 SCQF credit points) In this unit you will:

- use numerical skills to solve straightforward real-life problems involving time/money/measurement
- interpret graphical data and situations involving probability to solve straightforward real-life problems involving money/time/measurement.

Added Value Unit: Mathematics Test (6 SCQF credit points)

In this unit you will:

- sit one question paper testing your mathematical operational skills, without the aid of a calculator
- sit one question paper testing your reasoning skills, where you can use a calculator.

How will I be assessed?

Your teacher will assess your work on a regular basis throughout the course.

You must pass all 3 course work units and the Added Value Unit to gain the course qualification.

For further information see [National 4 Mathematics - Course overview and resources - SQA](#)

Study Materials

[BBC Bitesize Mathematics National 4](#)

[Free N4 Maths](#)