

English and Maths (inc. ESOL)

Maths Level 3 Part-time

In Brief

Start Date / Duration

This course will start week commencing 10 September 2019 and will run for one year. You will study for three hours per week.

Entry Requirements

We require students to have a GCSE Maths Grade 4 or Grade C.

You will achieve

You will achieve Level 3 Mathematical Studies (Core Maths).

Course Overview

Core Maths could be for you if you are planning a career in business, social sciences or humanities but haven't chosen Mathematics A Level and have at least grade 4 (grade C) or above in GCSE Maths.

Core Maths is a Level 3 qualification, with the same number of UCAS points as an AS Level. It is designed for students who want to keep up their valuable maths skills, but are not planning to take A Level Mathematics.

The course has been designed to maintain and develop real-life maths skills. What you study is not purely theoretical or abstract; it can be applied on a day-to-day basis in work, study or life and most courses will include a financial maths element.

The skills developed in the study of mathematics are increasingly important in the workplace and in higher education; studying Core Maths will help you keep up these essential skills. Most students who study maths after GCSE improve their career choices and increase their earning potential.

Course Content

Mathematics is, inherently, a sequential subject. There is a progression of material through all levels at which the subject is studied. It is assumed that students will already have confidence and competence in the content presented in standard type within the GCSE mathematics criteria. Students will make use of elements of this content when addressing problems within this Level 3 Certificate Mathematical Studies specification but this is not explicitly set out in subject content.

This Level 3 Certificate Mathematical Studies specification aims to build on the knowledge, understanding and skills established in GCSE mathematics.

Compulsory content: A broad specification which develops statistics, in particular critically analysing data, from GCSE and percentages work in terms of personal finance. New processes are also introduced, including a big emphasis on estimation in real life contexts.

One of the three options below:

Statistical Techniques: This module moves onto higher level statistics including modelling real life data, making predictions and carrying out hypothesis tests, the normal distribution as well as correlation and regression.

Critical path and risk analysis: A key skill to have in the business world, critical path and risk analysis focuses strongly on managing projects and clearly identifying the quickest and cheapest ways of completing tasks, which order to complete these tasks in whilst also considering any risk factors throughout.

Graphical Techniques: This includes a wide variety of graphs from exponential graphs to speed-distance-time graphs, with particular focus on rates of change. This module is key for plotting and interpreting graphs in real life contexts, to find approximate solutions to problems.

How will I be assessed?

The course assessment takes the form of two formal written exams sat at the end of the year.

What Equipment Will I Need?

Casio Calculator:

FX-83GTPLUS-SB-UT or FX-85GTPLUS-SB-UH

Where will I study?

Old Mill Lane campus
Church Street
Barnsley
S70 2AX

What can I do next?

Although Core Maths is a relatively new course, already universities and employers, from all different sectors, are firmly behind the Core Maths qualification.

How much does the course cost?

- 16 -18 learners (will be studied as part of your full time study programme and cannot be studied as a stand alone course)- **Free**

- 19+ learners- £500

16 – 18 year olds

Full-time Barnsley College students aged 16-18 years old do not have to pay tuition fees.

Financial support

You may be eligible for assistance with expenses such as travel, books, equipment and childcare. For further information please contact the Student Services Team on +44 (0)1226 216 114.

Extra information

Contact the Information Unit

For further information please contact our friendly Information Team on +44 (0)1226 216 123 or email info@barnsley.ac.uk [<mailto:info@barnsley.ac.uk>]

Want to join Barnsley Sports Academy and the Sports Village?

Barnsley College has a range of sports opportunities for all students to take part in, gain professional training and compete nationally and internationally. We also have a state-of-the-art fitness village, Honeywell Sports Village [<https://www.barnsley.ac.uk/shops-services/honeywell-sports-village/>] where students can make use of our fitness suite, spinning studio and classes for competitive rates. You don't have to be studying sport to get involved in the Sports Academy [<https://www.barnsley.ac.uk/our-departments/sport/sports-academy/>].

Disclaimer

Please note we reserve the right to change details without notice. We apologise for any inconvenience this may cause.

Last updated: 4th June 2019

Want to apply?

Visit <https://www.barnsley.ac.uk/apply> to get started

Call us on **01226 216 123**