

A-Level Mathematics Part 1

Summary

Strengthen your problem-solving skills and explore the power of maths with this qualification - helping you make sense of the world through numbers, patterns and logical thinking. Whether you're exploring algebra, solving real-world problems with statistics, or getting to grips with calculus and mechanics, this course builds skills that are useful in everyday life and essential for many careers.

PET offers A-levels in two parts. Upon completing Part 1, you can choose either to take your AS exam (a qualification marking the first year of a full A-level) or continue on to Part 2 to build up to a full A-level.

You will need to apply for each part separately. You can start an A-level at any time of the year, but exams usually take place in June. Before making your application, please speak to PET or your education department to find out if your prison can hold A-level exams as many cannot facilitate this. Alternatively, you might be able to take the exams on Release on Temporary Licence (ROTL) or after your release - we will be happy to advise you further on this.

Course Provider	National Extension College (NEC) Woolpack House, 70 High Street, Sawston CB22 3HJ 01223 400200 www.nec.ac.uk
Qualification Accreditation	Pearson Edexcel
Academic level	Level 3
PET entry requirements	Level 2 English and Maths
Format of course material	Paper-based
Structure of course	<p>Five Lessons:</p> <ol style="list-style-type: none"> Pure Mathematics 1 (Algebra 1, Indices and surds, coordinate geometry, quadratics, graphs, trigonometry 1) Pure Mathematics 2 (Algebra 2, circles, binomial expansion, differentiation 1, exponentials and logarithms 1) Pure Mathematics 3 (Trigonometry 2, differentiation 2, exponentials and logarithms 2, integration, vectors)

	<p>4. Statistics 1 (Mathematical models in statistics, measures of location and spread, representing data, probability, hypothesis testing)</p> <p>5. Mechanics 1 (Mathematical models in mechanics, Kinematics of a particle moving in a straight line, forces, vectors in mechanics, variable acceleration)</p>
Assignments	5 written assignments
Exam	2 invigilated, closed book exams (75 minutes each)
Study hours	150
Course expiry date	24 months
Prison support requirements	Facilitate tutor support via email. This often requires scanning learner assignments and email them to their tutor. Co-ordinate with NEC to arrange and facilitate exams.
Supplier tutor's support	Yes - accessed with prison staff support
Certificate	Upon completing Part 1, you can choose either to take your AS exam (a qualification marking the first year of a full A-level) or continue on to Part 2 to build up to a full A-level. On successful completion of either exam, you will receive a certificate.
Progress	There are range of possible progression options including A-Level Maths Part 2, an Open University Access course, or various business and finance courses. Call our free Advice Line on 0800 048 7520 on Tuesdays (10-12pm and 2-4pm) and Thursdays (10am-12pm and 2-6pm).