AS Level: Core 1 Revision Course

Dates Available: 07.04.12   **Cost:**   £120 (Book and pay by 28th February - £90)

Course Times: 0900 to 1630   **Venue:** St. John's Centre, Merrow

(Please note that this course will have a maximum of 8 students.)

Board: Edexcel 9371 [UA024850 GCE in Mathematics issue 2 180510.pdf](#)

This course examines key topic areas and extensive use will be made of exam-based AS level questions to illustrate relevant principles. Revision notes and model answers will be provided where appropriate

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COURSE CONTENT

Algebra Fundamentals: Laws of indices; surds; multiplying out brackets; taking out common factors; algebraic fractions; simplifying expressions.

Quadratics and Polynomials: Sketching Quadratic Graphs; Factoring a quadratic; Completing the square; The quadratic formula; Factorising cubic expressions.

Simultaneous Equations and Inequalities: Linear inequalities; Quadratic inequalities; Simultaneous equations; Simultaneous equations with quadratics; Geometric interpretation.

Coordinate Geometry and Graphs: Coordinate geometry; curve sketching; graph transformations.

Sequences and series: Sequences; Arithmetic progressions; Arithmetic series and sigma notation.

Differentiation: Differentiating powers of x; differentiating polynomials; Differentiating to find gradients; finding tangents and normal.

Integration: Integrating polynomials; finding the value of the constant of integration.

Registration	0900 – 0915
Algebra fundamentals, Quadratics and polynomials	0915 – 10.30
Break	1030 – 1045
Simultaneous Equations	1045 – 1215
Coordinate Geometry	1215 – 1300
Lunch	1300 – 1330
Sequences and series	1330 – 1415
Break	1415 – 1430
Differentiation and Integration	1430 – 1630

Application Form:

Course: AS Level: Core 1 Revision Course

Student Details:

Student's Family Name: _____

Miss / Mr: _____

First Names: _____

Home Address:

_____

Postcode: _____

Telephone: _____

Student's Mobile Number: _____

Date of Birth: _____

Student's School/College:

_____

Parents/Guardian Details:
(Who must be available in event of an emergency during the course.

Name:

_____

Address: (If different from above)

_____

Postcode: _____

E-mail: _____

Day Telephone: _____

Evening Telephone: _____

Conditions of Acceptance

1. Full course fees must be paid on registration. Late applications will be considered only if there are unfilled places on the course.
2. Amadou Education reserves the right to cancel any course at its discretion. Where a course is cancelled, students may obtain a full refund of fees. Fees are not refundable in any other circumstances.
3. Amadou Education reserves the right to dismiss any student whose conduct is unsatisfactory, at the discretion of the Principal, whose decision will be final.
4. Amadou Education shall not be liable for any loss or damage to the personal property of those attending the course unless caused by the negligence of Amadou its employees or agents.

Parental Approval

I accept all conditions as mentioned on above.

Signature of Parent/Guardian: _____

Dated: _____

How did you hear about the Amadou?

Please tick one of the below as appropriate

I enclose a cheque for £_____ made payable to 'AMADOU' [___]

I have deposited £_____ through BACS transfer [___]

BACS Transfer details are as follows

  Sort Code – 40-22-26
  Account Number - 32786168

Note – if making payment by BACS transfer you will be booked when payment is received and we will contact you to confirm receipt of payment.

Please send this completed form to:

The Administrator, Amadou, Hazelwood, Longmead, Guildford, Surrey GU1 2HN.