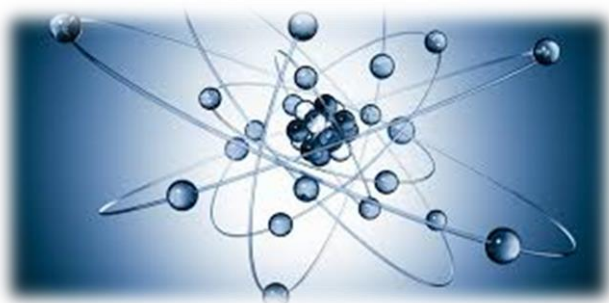


A LEVEL PHYSICS

UNDERSTANDING THE MATHEMATICAL REQUIREMENTS

The WJEC A Level Physics specification (2015) has recently seen significant changes in the mathematical knowledge students are expected to demonstrate. The weighting for the assessment of mathematical skills will be a minimum of 40% and there are additional skills that are also now required.

This one-day course will be led by a Mathematics specialist who will guide you through each technique to ensure a full and comprehensive understanding to enhance your teaching at AS/A level. The resources provided on the day include a USB pen drive which will have a digital copy of the booklet and presentation, specific mathematical based Physics questions to use immediately in your class, worked examples of each skill and examples of where each skill fits into the specification.



COURSE OUTLINE

Session 1: Arithmetic and numerical computation...

- Decimal and standard form
- Exponential and logarithmic functions
- Estimation, ratio, percentages and fractions

Session 2: Handling Data & Algebra

- Arithmetic Means
- Uncertainty, significant figures and probability
- Algebraic equations including quadratics
- Use logarithms over several orders of magnitude

Session 3: Graphs, geometry and trigonometry...

- Interpret logarithmic plots
- Area and volume of shapes
- Angles in 2D and 3D structures
- Small angle approximations

Monday
3rd December 2018,
Swansea
9.30 – 15.00

£299 + VAT

To register a delegate, simply contact us with their Name, Job Title and Contact Details

TO BOOK NOW:

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SUBSTITUTIONS, CANCELLATIONS AND REFUND POLICY

Substitutions welcome at any time. Written cancellations made four weeks before the course date will be subject to a full refund. Written cancellations made two weeks before the course date will be subject to a 50% refund. Cancellations made less than two weeks before the course date cannot be refunded.