TEACHING A LEVEL PHYSICS FOR THE FIRST TIME

CODE 7102

ABOUT THIS COURSE
This is a course designed for all those teaching Physics at A Level for the first time or in their first years of teaching. Teachers attending the course will gain a clear understanding of the demands and standard of A-level Physics and the concepts and skills that are key for students to understand to be successful on the course.

You will take away a range of effective teaching approaches, strategies and key Physics techniques for use in the key areas of A-level Physics as well as a full range of highly effective and engaging resources to use straight away in lessons.

There will also be an emphasis on the A-level Physics examinations and the types and range of questions that are posed to illustrate the demands and requirements for students to access the top grades and how their progress can be monitored internally.

PROGRAMME

The A-level Physics Course
10.00 – 10.30am
- The key demands of A Level Physics
- Improving your understanding of the A-Level course and the standard expected of students
- Structuring a well-planned Physics course to ensure student success
- Starting on a solid foundation – ways to move students from GCSE to A-level

Practical Approaches to Teaching Year 1 A-level Physics
10.30 – 12.00pm
- Looking in particular at topics which students find challenging in Year 1 including Mechanics, Electricity and Particle Physics
- Developing key skills in Year 1

Practical work in A-level Physics
12.00 – 12.40pm
- The Compulsory Practical Assessment Criteria
- Approaches to preparing students for the new practical skills examination questions
- Monitoring skills for the practical endorsement
- Examination of skills related to practicals

Lunch and informal discussion
12.40 – 1.40pm

Practical Approaches to Teaching Year 2 A-level Physics
1.40 – 2.50pm
- Looking in particular at topics which students find challenging including Electromagnetism and Fields
- Physics concepts that run through the whole course

The Examinations and Assessing Progress
2.50 – 3.30pm
- Exploring the new style exams
- How to help learners interpret questions and provide concise but complete answers that match the questions
- Understanding different types of questions and how to teach these for exam success
- Effectively monitoring students’ progress
- Effective assessment and feedback techniques

Keeping students motivated
3.30 – 3.45pm
- Differentiating strategies to accommodate all learners
- Enriching the specification
- Preparing for next steps

Questions/Discussion
3.45 – 4.00pm

LOCATION/DATE
London
Monday 1 July 2019
Friday 8 November 2019

COURSE LEADER
Martin Gallacher is a current Head of Physics which he carries out as part of his wider role as Assistant Head of Sixth Form at a large FE College. He has 14 years’ experience teaching A-level Physics in Secondary Schools and Colleges to students of all abilities from a wide range of backgrounds.

WHO SHOULD ATTEND?
- NQTs and those teaching A-level Physics for the first time

BENEFITS OF ATTENDING
- Improve your understanding of the A-level course and best practice in terms of teacher delivery
- Increase your awareness of how to teach key concepts that are crucial to student achievement on the A-level Physics course
- Learn successful methods for monitoring and maintaining students’ progress in A-level Physics
- Increased understanding of assessment in A-level Physics and how this affects your teaching
- Take away resources to help your teaching, including student exam answers

IN SCHOOL INFO
This course, tailored to suit, can be delivered in your school.
Discuss this further with our CPD team on 01625 532974 or online@keynote.org.uk

COST: £269+VAT