

BCA Specialist Training Courses

Learning with BCA "Microbiology for the Non-Microbiologist"

WHY ATTEND

Microbiology impacts on a wide range of industries and products. A knowledge of microbiology will benefit those working with anti-microbial products and technologies in their everyday roles. It will allow more effective marketing and product research and development.

COURSE OUTLINE

The course has been developed by BCA members with many years of experience in the sector. It provides an understanding of microbe types, the problems they cause and how these may be resolved. It is particularly suitable for formulators who use biocides either as active ingredients in products such as disinfectants or as preservatives for raw materials or formulated products.

It will also look both at the chemistry of the main active substance groups and their effect on the cell, taking in the biochemistry of the target organism. Furthermore, it will address the issue of measuring such effect by examining efficacy, the ways of observing it and the factors affecting it. As the Biocidal Products Regulation, both in the EU and GB, progresses it demands a greater focus on the microscopic world of bacteria, fungi and viruses. This brings with it a requirement for a more in depth understanding of how disinfectant and preservative active ingredients, and the products into which they are formulated, actually work. This course is designed to help provide that.

The course tutor is David Ashworth. David is an experienced industry professional who has worked for major players in the chemical market sector. He has experience of all aspects of the development, marketing and use of biocidal products including in disinfection, oilfields, preservation and water/paper industries.

WHO WILL BENEFIT

This course has been designed for non-microbiologists or those with a limited knowledge of microbiology and is suitable for technical professionals who haven't studied microbiology as a taught subject and non-technical professionals, such as sales and marketing personnel, as well as newly-recruited technical staff in companies operating in the sector. The course material is of a descriptive nature designed to be understood by those working in the sector but with little or no knowledge of microbiology.

BCA members are offered priority booking with attendance limited to 20 delegates to ensure that the course is interactive. Attendees will receive course material in hard copy and electronically.



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09.30 Registration and refreshments

What microbes are

This section will introduce the various types of microbes e.g. bacteria viruses and fungi. It will cover how they differ from each other, how environments affect them and how they proliferate

10:30 Break

The problems microbes cause

This section will look at the issues, across a broad spectrum that that microbes are responsible for. Primary focus will be on areas specific to Biocidal Product Regulation Product types 1-5 (disinfection) and Biocidal Product Regulation Product types 6-13 (preservation)

12.30 Lunch

Chemistry of the key active substance groups

Including:

Oxidizers

Aldehydes

Quaternary Ammonium Compounds

14:30 Break

Efficacy testing- How to test and why test?

Including:

EN methods

Suspension tests

Surface tests

Introduction to field data

What to watch for etc.

16.00 Close



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Tel: **01379 673449** E-mail: **enquiries@bcaorg.com**

*(please enter number of delegates)

Please invoice quoting purchase order no:

BCA VAT REGISTRATION NO 235 5960 48. A VAT invoice will be issued

Title	Forename	Surname
Company/Organisation		
Address		
Telephone/mobile		
E-mail		
Special dietary requirements		

To find out more about BCA or how BCA membership could benefit your company please visit our website or request a membership enquiry form at <https://bcaorg.com/members/membership-enquiry-form>



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