



Microbiology for Non Microbiologists

Swift Silliker (Pty) Ltd t/a Merieux NutriSciences is accredited with FoodBev SETA: Accreditation number: 587/00077/0610

Course Level
SUPPLEMENTARY

Programme Coordinator
LULANIE SWANEPOEL

Duration
ONE DAY



Overview & Objectives

Microorganisms have a considerable impact on the quality and safety of food products. It is important that anyone involved in food processing, handling, distribution, product development and catering (with no formal training in microbiology) understands the interactions and importance of the various forces involved.

Contamination by microorganisms may arise from various sources such as raw materials or the processing environment (which includes food-contact surfaces, the air, people and pests). These potential contamination sources need to be controlled to prevent spoilage and to ensure safe products.

Course Objectives

Delegates will learn the basics of food microbiology in order to:

- Understand basic terminology.
- Plan and implement microbiological monitoring programmes.
- Give guidance on microbiological problem-solving investigations
- Understand food pathogens and their relation to HACCP.
- Understand and interpret microbiological results.



Outline

- History of microbiology
- Sources, types and number of microorganisms on food
- Factors affecting the growth of microorganisms
- Food spoilage
- Food pathogens
- The effect of food processing on microorganisms
- Microbiological testing and sampling
- Case study: food-spoilage investigation

A certificate of attendance will be issued once the course has been successfully completed.



Entry Level Requirements

To ensure that this course is valuable to your company, delegates must be comfortable communicating in English and need suitable reading and writing skills.



Who Should Attend

Any individual within the food industry wishing to gain a broad understanding of the field of food microbiology:

- Managers (financial, sales, marketing, purchasing)
- Support staff
- Engineers and production staff



Language

Presented in English.



Enrolment Information

Contact us today for a quote, more info, or to enrol in this course (details below)



CONTACT US:

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