Introduction to Pharmaceutical Microbiology

Scope
This course is designed specifically as an introduction to the important topic of pharmaceutical microbiology, it will review the impact of microbiology on many aspects of pharmaceutical manufacture and control.

This course looks at the nature of micro-organisms, contamination sources and control, sterilisation and disinfection, and testing methodology (including modern counting and identification techniques). It will also cover some group aspects related to the microbiology laboratory.

Suitability
The course will be of value to all personnel whose roles would benefit from a clearer understanding of this specialist area. This course is ideal for those new to the pharmaceutical industry working in production, technical support, quality control and quality assurance roles. In addition, it will also be of benefit to maintenance and support engineers who are involved in production areas and utilities.

Learning Outcomes
By the end of the course you will:
- Understand the types and sources of different types of micro-organisms that are related to pharmaceutical operations
- Be aware of different techniques for the sterilisation of products and the associated components/equipment
- Understand what checks and tests can be performed to help manage microbiological issues