

**Course Overview:**

The sterilization course covers the entire range of sterilization processes utilized in the pharmaceutical, biotechnology and medical device industries.

**Course Objective:**

- Understand concepts of decontamination, disinfection and sterilization
- Learn the principles of moist heat/dry heat sterilization
- Have understood the different cycle requirements for various load types (solid, porous, liquid)
- Discuss and understand challenges and solutions for biological and chemical indicators

**Course Outline:**

- Prerequisites for Sterilization
- Microbiology of Sterilization
- Use of Biological Indicators
- Steam sterilization for porous loads
- Terminal Sterilization using Steam
- Steam sterilization-in-place
- Dry heat sterilization and depyrogenation
- Gas, Liquid and Vapor sterilization (including isolator decontamination)
- Compendia and Regulatory Considerations.

**Who Should Attend:**

These courses are intended for individuals working with sterilization and/or aseptic processing.

**Training Language:**

English

**Training Methodology:**

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation