



# Training Course Agenda

PDA 468 Validation of Moist Heat Sterilization Processes

## DAY 1

### Welcome and Introductions

8:30

1. Training Course Objectives
2. Attendee Objectives
3. Class Logistics and Last Day Flights

9:00

Module 1: Sterilization Science I: Microbiology

10:30

### Coffee/Tea Break

10:45

Let's Meet Our Autoclave (Lab Work)

1. Types of Autoclaves
2. Parts of an Autoclave
3. Ouch, Don't Touch That

12:00

### Lunch

13:00

Let's Meet Our Supplies (Lab Work)

1. Biological Indicators
2. Thermocouples (Let's Make a TC)
3. KAYES and Others
4. Bowie Dick Test Packs
5. What do We Want to Cook?

14:00

Module 2: Sterilization Science II: Thermal Science & Steam Quality

14:30

### Coffee/Tea Break

14:45

Module 2: Sterilization Science II: Thermal Science & Steam Quality (cont.)

15:15

Let's Run Our Autoclave (Lab Work)

1. Pushing Buttons
2. Running TC's
3. Starting and Stopping

16:00

End of Day 1



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PDA 468 Validation of Moist Heat Sterilization Processes

## DAY 2

### Recap Day 1 (Meet in Autoclave Room)

8:30

- 1) Lecture
- 2) Lab
- 3) Start the Calibration of the KAYE

9:00

Module 3: Process Development

10:30

Coffee/Tea Break

10:45

Let's Make... (In-class Lab Work)

1. An Empty Chamber Load Diagram
2. A Loaded Chamber Load Diagram
3. Go to Autoclave and install TC's

12:00

Lunch

13:00

Let's Set Up and Start an Empty Chamber Distribution Test (Lab Work)

14:00

Coffee/Tea Break

14:15

Let's Look at Our Run Data

15:00

Let's Design a Hardest to Heat Load (In-class Lab Work)

1. Develop Load Pattern
2. Identify Probe Locations
3. Make Load Drawings

16:00

End of Day 2

## DAY 3

### Recap Day 2

8:30

1. Lecture
2. Lab

9:00

Let's Set-up and Start Our Hardest to Heat Load (Lab Work)

10:30

Coffee/Tea Break

10:45

Module 4: Process Performance Qualification & Ongoing Control

12:00

Lunch

13:00

Let's Review our Data from Our Hardest to Heat Load

14:00

Coffee/Tea Break

14:15

Open Discussion and Review

15:30

Closing and Training Course Evaluation

16:00

End of Training Course