# Training Course Agenda

Validation of Moist Heat Sterilization Processes Training Course (PDA 468)

| DAY 1 | |
|---|---|
| 8:30 | Welcome and Introductions<br>1. Training Course Objectives<br>2. Attendee Objectives<br>3. Class Logistics and Last Day Flights |
| 9:00 | Module 1: Sterilization Science I: Microbiology |
| **10:30** | **Break** |
| 10:45 | Let's Meet Our Autoclave (Lab Work)<br>1. Types of Autoclaves<br>2. Parts of an Autoclave<br>3. Ouch, Don't Touch That |
| **12:00** | **Lunch** |
| 13:00 | Let's Meet Our Supplies (Lab Work)<br>1. Biological Indicators<br>2. Thermocouples (Let's Make a TC)<br>3. KAYES and Others<br>4. Bowie Dick Test Packs<br>5. What do We Want to Cook? |
| 14:00 | Module 2: Sterilization Science II: Thermal Science & Steam Quality |
| **14:30** | **Break** |
| 14:45 | Module 2: Sterilization Science II: Thermal Science & Steam Quality (cont.) |
| 15:15 | Let's Run Our Autoclave (Lab Work)<br>1. Pushing Buttons<br>2. Running TC's<br>3. Starting and Stopping |
| **16:00** | **End of Day 1** |

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| DAY 2 | |
|---|---|
| 8:30 | Recap Day 1 (Meet in Autoclave Room)<br>1) Lecture<br>2) Lab<br>3) Start the Calibration of the KAYE |
| 9:00 | Module 3: Process Development |
| **10:30** | **Break** |
| 10:45 | Let's Make… (In-class Lab Work)<br>1. An Empty Chamber Load Diagram<br>2. A Loaded Chamber Load Diagram<br>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** | **Break** |
| 14:15 | Let's Look at Our Run Data |
| 15:00 | Let's Design a Hardest to Heat Load (In-class Lab Work)<br>1. Develop Load Pattern<br>2. Identify Probe Locations<br>3. Make Load Drawings |
| **16:00** | **End of Day 2** |

| DAY 3 | |
|---|---|
| 8:30 | Recap Day 2<br>1. Lecture<br>2. Lab |
| 9:00 | Let's Set-up and Start Our Hardest to Heat Load (Lab Work) |
| **10:30** | **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** | **Break** |
| 14:15 | Open Discussion and Review |
| 15:30 | Closing and Training Course Evaluation |
| **16:00** | **End of Training Course** |