Training Course Agenda

Title: 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
1) Sterilization Science I: Microbiology
10:30 Coffee/Tea Break
10:45 Let's Meet Our Autoclave (Lab Work – ALL)
   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 – ALL)
   1) Biological Indicators
   2) Thermocouples
      a. 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
   1) Sterilization Science II: Thermal Science & Steam Quality
14:30 Coffee/Tea Break
14:45 Module 2
   1) Sterilization Science II: Thermal Science & Steam Quality (cont.)
15:15 Let’s Run Our Autoclave (Lab Work – ALL)
   1) Pushing Buttons
   2) Running TC’s
   3) Starting and Stopping
16:00 End of Day 1
# Training Course Agenda

**Title:** Validation of Moist Heat Sterilization Processes  

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<th><strong>DAY 2</strong></th>
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| **8:30** Recap Day 1 (Meet in Autoclave Room)  
  1) Lecture  
  2) Lab  
  3) Start the Calibration of the KAYE |
| **9:00** Module 3  
  1) Process Development |
| **10:30** Coffee/Tea Break |
| **10:45** Let's Make... (In-class Lab Work – ALL)  
  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 – ALL) |
| **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 – ALL)  
  1) Develop Load Pattern  
  2) Identify Probe Locations  
  3) Make Load Drawings |
| **16:00** End of Day 2 |

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<th><strong>DAY 3</strong></th>
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| **8:30** Recap Day 2  
  1) Lecture  
  2) Lab |
| **9:00** Let’s Set-up and Start Our Hardest to Heat Load (Lab Work – All) |
| **10:30** Coffee/Tea Break |
| **10:45** Module 4  
  1) 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 |