



## Course Title: Crystallization Operations

**Course ID:**

CH110

**Course Type:**

### Course Schedule

#### Day One

<b>8:00 – 8:30</b>	Registration
<b>8:30 – 10:00</b>	Introduction and Crystallization Basics
<b>10:00 – 10:15</b>	Morning Break
<b>10:15 – 10:45</b>	Crystal Size Distribution (CSD)
<b>10:45 - Noon</b>	Polymorphs and Cocrystals
<b>Noon – 1:00</b>	Lunch Break
<b>1:00 – 2:00</b>	Crystal Shape and Form
<b>2:00 - 3:00</b>	Crystal Purity/Effects of Additives
<b>3:00 – 3:15</b>	Afternoon Break
<b>3:15 – 5:00</b>	Batch Crystallizers

#### Day Two

<b>8:30 – 9:45</b>	Industrial Crystallizers
<b>9:45 – 10:00</b>	Morning Break
<b>10:00 – Noon</b>	Scale-up of Crystallizers
<b>Noon – 1:00</b>	Lunch Break
<b>1:00 – 2:00</b>	The Mixed-Suspension Mixed-Product Removal (MSMPR) Crystallizer
<b>2:00 – 3:00</b>	Non-Ideal Conditions
<b>3:00 – 3:15</b>	Afternoon Break
<b>3:15 – 4:30</b>	Precipitations
<b>4:30 – 5:00</b>	Wrap-up and Q&A