



THE
SCIENCE
CENTER

An Introduction to Tablet Formulation

Sign-in and continental breakfast daily at 8:30 am

Day One- FORMULATION & BLENDING

Classroom (9:00 – Noon)

- Introduction
- Statistics
- Preformulation
- Raw Materials characterization & functionality
- Blending
- Granulation
- Milling/Sizing
- Blend Testing

Hands-On (1:00 – 5:00)

- Sizing/Blending
- Characterization
- Data Evaluation
- Review

Day Two- COMPACTION

Classroom (9:00 – Noon)

- Introduction/Review
- Process Flow
- Tooling & Presses
- Compaction
- Scale-up
- Specifications

Hands-On (1:00 – 5:00)

- Tooling
- Press Overview
- In-Process Measurements
- Characterization
- Data Evaluation
- Review

Day Three- TABLET COATING

Classroom (9:00 – Noon)

- Industry Review
- History
- Available Coating Systems- Functional & Aesthetic
- Equipment
- Process Description
- Process Troubleshooting

Hands-On (1:00 – 4:00)

- Suspension Preparation
- Color Coating
- Data Evaluation
- Review