



CLASS SCHEDULE

DAY ONE

Classroom

Lecture: Introduction to Compounding

- Compounding vs. Manufacturing
- Compounding Quality Act
- USP chapters
- Counseling a Patient about a Compound

Lecture: Lab Safety, Personal Protective Equipment, and Calibrating Molds

Lab

Calibrating Molds

Classroom

Lecture: Quality Compounding

- Compounding with Commercial Ingredients
- Compounding from Bulk Ingredients
- Aliquots, Dilutions, Triturations, and Concentrates
- Geometric dilution
- Stability Considerations
- Antioxidants, Chelating agents, Preservatives
- Quality Considerations
- Beyond Use Dating

Lecture: Suspensions, Solutions, and other liquid compounds

Lab

Suspensions & Solutions

DAY TWO

Classroom

Lecture: Regulatory Update & Standard Operating Procedures

Lecture: Capsules

Lab

Capsules

- Hand pack method
- Capsule machine method

Classroom

Lecture: Semi-Solid Dosage Forms

Lab Semi-Solid Dosage Forms

- Suppositories
- Troches
- Lip balm
- Lollipops

DAY THREE

Classroom

Lecture: Exploring Niche Markets for Compounding

- Veterinary
- Hospice
- Pain
- Hormone Replacement
- Dental

Lecture: Topical Dosage Forms

- Topical Base Comparison
- Review of equipment
- Ointment, Creams, Gels, and PLO

Lab

Topical Dosage Forms

- Ointment
- Cream
- Gel
- PLO