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