

# Modern Pharmaceutical Compounding



## Course Details

### Modern Pharmaceutical Compounding

**Where:** Fagron Academy – St. Paul, MN

**When:** Feb 21-23, Apr 18-20, July 18-20,  
Sept 26-28, Nov 14-16

**Tuition:** \$1,500.00

### Contact/Register Info:

**Phone:** 305-575-2480

**Fax:** 305-575-1084

**Email:** info@fagronacademy.us

### Register Online:

[www.fagronacademy.us](http://www.fagronacademy.us)

**Hotel:** Contact Fagron Academy for hotel and transportation information

Join Fagron Academy and expert faculty for Modern Pharmaceutical Compounding, a three-day (20 hour) application based course focusing on the fundamentals and best practices of non-sterile pharmacy compounding. Compounded medications often play an important role in quality patient care. As prescribers have become increasingly aware of the benefits customized medications offer, pharmacists and pharmacy

technicians must be properly trained to prepare these products. Technology has provided the equipment and techniques necessary to compound effectively and accurately. To prepare attendees to meet the needs of patients, Fagron Academy has designed a program that will provide pharmacists and technicians the knowledge and skills to prepare the highest quality compounded medications. Modern

Pharmaceutical Compounding course attendees will become proficient in the applicable calculations and preparation of commonly used dosage forms, the operation of compounding equipment, and the packaging of finished compounded products. In addition participants will explore the regulatory, marketing, and business development aspects of a successful compounding practice.

## Modern Pharmaceutical Compounding - Presentations

Speakers: Fagron Academy rotating faculty

UAN: 0201-9999-18-016-L07-P/T

Contact Hours (CEU): 20 (2.0)

### Goals and Learning Objectives

- Demonstrate understanding in the proper use and maintenance of the electronic balance, hot plate/stirrer, hand-held blender, Unguator, ointment mill, capsule machine, powder blender, homogenizer, graduated cylinders, devices, and equipment
- Demonstrate understanding for all fundamental compounding techniques and general laboratory processes
- Perform pharmaceutical calculations related to applicable dosage formulations
- Create a master formulation and or template for subsequent formulae
- Formulate, compound and package oral, sublingual, topical, rectal/vaginal, and transdermal dosage forms including oral suspensions, solutions, capsules, tablets, troches, lollipops, sticks, creams, gels, ointments, suppositories
- Discuss physical chemistry considerations including solubility, miscibilities, pH, base/salt conversions, compatibility and others during the formulation process
- Discuss dosage form selection using case reports and other examples
- Review USP and other guidelines for appropriate formulation Beyond-Use-Dating
- Review and discuss the importance of quality control and quality assurance procedures
- Understand pertinent professional, state, and federal compounding regulations, guidelines and recommendations as they pertain to USP <795> and <800>.
- Provide insight to the importance and availability of compounding and drug information references and resources
- Review the fundamentals of building and marketing a compounding practice



Modern Pharmaceutical Compounding –has been approved for 20 contact hours (2.0 CEUs) of continuing education credit. Attendees will be required to complete an online evaluation for each CE session they attend to verify attendance and acquire their CE. Attendees must provide their NABP e-Profile ID and birthdate (MMDD) to receive credit for any ACPE-accredited CPE session.

It is the responsibility of the CPE taker to give correct information. If incorrect information is provided, the record will be rejected by the CPE Monitor and the CPE credit will not be awarded. If you complete an online evaluation for each CE session you attend at the conclusion of the conference, your CPE credits will be uploaded to the CPE Monitor System within 60 days of completion. If you do not see CPE activity displayed for a session that you attended and it has been more than 60 days since you submitted the CPE to the provider, please contact your CPE provider.

All sessions carrying the ACPE program number are approved for continuing education credit. The American College of Apothecaries, Inc. is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. Modern Pharmaceutical Compounding is co-sponsored by the American College of Apothecaries.



*By registering for this course, you are releasing Fagron Academy from any and all liability for injury or other damages resulting to any individual attending a course and for all claims, which may arise out of the use of the techniques demonstrated therein by such individuals, whether these claims shall be asserted by a pharmacist or any other person.*