

## Live Program Description: Day 1

### Early Morning Sessions 8:15 am - 10:00 am

Program participants will be immersed in a session entitled, "About Being a Star". Throughout this session, the compounding pharmacist will: Explore their roles and responsibilities, Discover that moral, ethical, political, legal and clinical considerations in compounding can be measured, Realize the importance of Good Compounding Practices and the importance of good Business Development Marketing practices by becoming "Vision Ready".

### Late Morning Sessions 10:15 am - 11:45 am

The first session will explore in a most unique manner the fundamental building blocks to a compounding practice through a team-oriented review of Self-study Program materials, placing critical elements into perspective and setting the stage for problem-based learning sessions to follow.

The second session is an exercise in the most fundamental application of the Rules of Engagement as it applies to the compounding pharmacy practice: the establishment of Standard Operating Procedures. Program participants will be given the opportunity to establish Standard Operating Procedures through a self-directed decision-making process.

### Afternoon Sessions 1:00 pm - 6:00 pm

Program participants will engage in practical laboratory skill set development exercises from the most simple to most complex ensuring the advantages and disadvantages of each technique and associated technology are well learned and experienced in an exclusively hands-on environment. Such techniques as calibrating, weighing, measuring, heating, filling, blending, mixing micronizing, levigating, wetting and diluting are practiced. Such concepts as homogeneity, geometric addition, error processing, verification and validation become well respected.

Program participants will be asked to prepare specific extemporaneous preparations and experience the making of vehicles of delivery in the form of suspensions and emulsions. Featured dosage forms include: Gels, Oral Drinks and Topical Applications for Percutaneous Absorption.

## Live Program Description: Day 2

### Early Morning Session A 8:15 am - 9:25 am

Program participants will further explore their roles and responsibilities, relationships with both the prescriber and consumer markets to whom they are in serve, and experience through dynamic practice exercises the pharmacist - prescriber encounter; a necessary skill to solidify the compounding pharmacist's Business Development Marketing initiatives while participating in an interactive group-oriented session entitled, "Ready... Set... Go..."

### Early Morning Session B 9:30 am - 10:15 am

The first of a four part series of problem-based learning exercises whereby the pharmacist is afforded the opportunity to discover their own strengths and areas where further development is needed to

The Science of Pharmaceutical Compounding: Pharmacist Training™  
Live Schedule - Office of Continuing Education - College of Pharmacy - University of Florida  
ensure the most all encompassing and well rounded thought process is applied when making critical decisions for compounding.

**Late Morning Session      10:30 am - 12:00 am**

In this session, the second of a four part series of problem-based learning exercises, program participants further their development when a new set of variables are added to the equation, increasing the level of sophistication needed in the decision-making process for compounding.

**Afternoon Sessions      1:00 pm - 6:00 pm**

Program participants will further their learning through the preparation of medications in the solid and liquid states. Featured dosage forms include: Capsules, Gummy Gels, Lotions and Medication Sticks.

**Live Program Description: Day 3**

**Early Morning Sessions      8:15 am - 10:00 am**

Program participants will be immersed in a session entitled, "Doing it Right". Through out this session, the compounding pharmacist as business person will: Explore concepts of Business Development Marketing, balance Efficiency and Effectiveness in marketing, learn the many facets of a marketing plan, utilize assessment tools and learn the assessment process so as to critique their own marketing campaign, while revisiting the basic tenets of personal selling.

**Late Morning Sessions      10:15 am - 12:00 pm**

Part three of the four part series of problem-based learning exercises whereby dosage composition, form, and route of delivery are examined in detail giving the decision-making process for compounding a sense of structure and organization. Advantages and disadvantages of variable dosage compositions and forms are critically assessed.

**Afternoon Sessions      1:00 pm - 6:00 pm**

Program participants will complete their learning through the preparation of medications spanning compositions of powder blends, and powder-liquid and liquid-liquid mixtures in the form of solutions; simple and complex, and dispersions in the form of suspensions and emulsions. Featured dosage forms include: Candies and lollipops, ointments, creams, pastes and suppositories.

**Live Program Description: Day 4**

**Early Morning Sessions      8:15 am - 9:50 am**

The last part of the four part series of problem-based learning exercises whereby program participants will be heavily immersed in the decision-making process. The Balance Concept and its fundamental components will be pulled together through guided exploration and experimentation toward the development of a logical construct for the decision-making process for compounding.

**Late Morning Sessions      10:05 am - 12:00 pm**

A continuation of the early morning session. Program participants will close this session by creating a case scenario for evaluation for other program participants to have to assess in the afternoon session. Before the case is accepted, it will be scrutinized by the very same decision-making algorithm to be used in the climactic finish to this fourth and final session in problem-based learning for compounding.

**Early Afternoon Sessions      12:45 pm - 2:00 pm**

Program participants will complete their problem-based learning experience through the utilization of a decision-making algorithm for compounding. This session embraces elements of the clinical assessment of a patient, formulation chemistry through excipient requirements and selection, and procedural writing for a compounded medication.

**Mid-Afternoon Sessions      2:10 pm - 3:10 pm**

Program participants will complete a learning assessment based on the live component of this Certificate program. The learning assessment has a minimum passing grade of 80% in order to successfully complete this Certificate Program and receive full credit. Retakes of this learning assessment will be made available to program participants who do not successfully complete it during the live program.

**Late Afternoon Sessions      3:30 pm - 4:30 pm**

Program participants will end off this Certificate Program enjoying a refreshing keynote speaker address in the form of a debate, a panel discussion and some thought provoking closing remarks.