



CFPA

The Center for Professional Advancement
Accredited Technical Training Worldwide

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ON-DEMAND Online Training Course

Nutritional Supplement Formulation Basics

Location: Your Computer

Offering # 0812-704

Priority Code: 520

WHO SHOULD ATTEND

This course is intended for food science graduates, management personnel and practicing formulators seeking an understanding of nutritional supplement tablets and capsules. Those who have gained valuable information from this course include:

- Working toward certification as a nutritional supplement formulator
- Current formulators desiring a more comprehensive knowledge of tablet and capsule manufacturing operations; their interaction with the formula
- Research and development formulation personnel
- Small business owners
- Line management
- Quality Control managers wishing a fuller understanding of nutritional supplements

LEARNING OBJECTIVES

Upon completion of this training, you will be able to:

- Examine and choose nutritional supplement formulas that make both scientific and economic sense
- Describe the basics of the nutritional supplement business including the nature of the raw materials being processed
- Explain how correct blending, the operation of the tablet press and encapsulator contribute to product quality
- Explain the basics of the successful formulation and production of single entity and sustained/timed release formulas
- List the basics of a successful formulation and production of chewable and effervescent formulas

COURSE DESCRIPTION

This 90-minute **accredited** online training is a **brief introduction** covering the formulation and manufacturing of nutritional supplement tablets and capsules. The course is based on the theory and application of solid dosage and hard shell manufacturing using established formulation techniques. Various formulas will be established, and then evaluated using the criteria: will it work, be cost effective, give more rework than it's worth, satisfy the customer?

Module 1: The Basics and Overview

- Introduction to the Nutritional supplement business
- Understanding raw materials
- Blender types
- Basic table press operation
- Encapsulator operation

Module 2: Successful Formulation and Production of Single Entity and Sustained/timed Release Formulas

- Type of materials that are used
- Special considerations to achieve a timed release profile
- Bogus versus true timed release tablets
- Successful formulas require study and execution

Module 3: Successful Formulation and Production of Chewable and Effervescent Formulas

- Types of materials that are used
- Chewable formulas are different than regular tablets and require special materials
- Effervescent tablets are demanding to produce
- Most people worry about the bubbles but the issues have nothing to do with bubbles

Question and Answer Session

COURSE DIRECTOR ACCREDITATIONS

Fred A. Rowley, President, Solid Dosage Training, Inc.



The Center for Professional Advancement has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 8405 Greensboro Drive, Suite 800, McLean, VA 22102. In obtaining this approval, The Center for Professional Advancement has demonstrated that it complies with the ANSI/IACET Standards which are widely recognized as standards of good practice internationally. As a result of their Authorized Provider membership status, The Center for Professional Advancement is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standards.



The Center for Professional Advancement (CFPA) is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. Continuing Education Units (CEU) will be awarded only upon successful completion of the course, i.e., attendance at essentially all the formal sessions and submission of a course evaluation. The CEU rate is 0.1 CEU per contact hour; statement of credit will be mailed within six weeks. You will have an opportunity to evaluate your successful completion of these course objectives through **interactive question and answer sessions**. This offering is Program# 716-000-08-564-L04. If interested in ACPE credits, notify CFPA immediately upon completion of this course.

REGISTRATION

TUITION* - **Single Rate: U.S. \$295.00 per person** **Group Rate: U.S. \$245.00 per person****

Register at www.cfpa.com. Enter **Course Offering #0812-704** into **Quick Jump**. To register use **Priority Code: 520**.

For Questions and Information call Customer Service at 732-613-4500.

Please Note: Multiple participants are not authorized to share access provided to a single registrant, a single dedicated seat license must be purchased for each individual. CFPA reserves the right to cancel access or collect the group rate payment if this requirement has been violated. Only registered participants will receive accreditation.

ABOUT ON-DEMAND:

Our pre-recorded on-line training courses are available for viewing at your convenience at your computer. Register for a CFPA on-demand course, your registration will be processed within two (2) business days, after payment and registration are complete you will receive an email from olinettraining@cfpa.com with your password to access the on-demand course. You will have two (2) business days to view the course. You **MUST** complete all polls and the course evaluation to receive your accreditation certificate for this course.

TERMS AND CONDITIONS

***Payment:** Tuition payable in US funds net of all charges. Payment is due at time of registration in the form of a credit card. Please contact CFPA's Customer Service for other payment options.

****Group Rate:** The Group Rate is for two or more enrollments, up to five registering from the same company at the same time. For groups of six or more, please contact Customer Service for group pricing. **Cancellations/No Show: "Live"**- Registrants may cancel up to two working days prior to the course start date and will receive a letter of credit to be used towards a future course up to one year from date of issuance. No credit will be issued for no-shows and/or cancellations less than two working days prior to the course. : **"On-Demand"**- No refund or credit will be issued for no-shows and/or cancellations of on-demand training courses. CFPA is not responsible for any outside related costs incurred by registrant's cancellation.