Nutritional Supplement Formulation Basics

Location:  Your Computer  Offering #:  1409-704  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:

• Professionals 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?

Review of Learning Objectives
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

TUITION AND REGISTRATION

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


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.

System Requirements: PC-based attendees; Windows® 7, Vista, XP or 2003 Server/Macintosh®-based attendees: Mac OS® X 10.4.11 (Tiger®) or newer

For more information see reverse side

CfPA
The Center for Professional Advancement
Accredited Technical Training Worldwide

190 State Highway 18, Suite 203, East Brunswick NJ 08816
Phone 732-238-1600 • Fax 732-238-9113

www.cfpa.com
Fred A. Rowley, President and Chief Guest Lecturer, Solid Dosage Training, Inc.

Fred A. Rowley is an internationally recognized solid dosage expert and a pioneer in solid dosage training. He is also President and Chief Guest Lecturer for the highly respected Solid Dosage Training, Inc.

He has been Director, Manufacturing Technical Support, for Watson Laboratories, Plant Manager, Tablets and Capsules, Weider Nutrition International; Vice President, Operations, Amet Pharmaceuticals, OROS Operations Manager, Alza Corporation and Bulk Solids Manager, Syntex FP, Puerto Rico. He received his B.S. Biochemistry degree from the University of Santo Tomas, Manila and studied for the M.S. degree in engineering at California Coast University. He was nominated for a doctorate degree, honoris causa, in 2006.

Mr. Rowley has written many technical articles in the fields of tablet granulation, compressing, coating and printing and currently serves on the editorial advisory boards of both Pharmaceutical Manufacturing and Tablets and Capsules magazines. He guest lectures at both the university and professional industry levels in the United States, Europe and India in all areas of solid dosage manufacturing.

Past Participants Have Said:

“Tried all you recommendations. They all worked well.. you are definitely a tablet expert.”

Maria V.
Food Scientist: Research and Product Development

ACCREDITATIONS

The Center for Professional Advancement has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500 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. The Center for Professional Advancement is therefore authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standards. CEU will be awarded for participation in The Center for Professional Advancement’s courses at the rate of .1 CEU per contact hour. CEU will be awarded only upon successful completion of the entire course and 70% accuracy in the required Learners’ Assessment.

WHO WE ARE

The Center for Professional Advancement (CfPA) is the largest accredited technical training organization in the world with a curriculum of approximately four hundred and fifty short courses in 15 industries including Pharmaceutical, Biotechnology, Medical Device, Chemical, Cosmetics, Food and more.

Since our founding in 1967, we have successfully trained nearly a half million people worldwide in topics ranging from basic and introductory concepts to new advances and cutting-edge technology, and current U.S. and European regulations. CfPA courses are offered in a variety of formats – Public offering, Client Site and Online – to fit you or your company’s training needs.

For more information visit our website at www.cfpa.com

COURSES OF INTEREST

- Advanced Aqueous Film Coating course ID# 2498
- Advanced Tablet Press Operation course ID# 2206
- GMP for Dietary Supplements course ID# 2094
- Mixing of Liquids and Complex Materials course ID# 1115
- Powder Mixing Technology course ID# 777
- Successful Tablet Manufacturing—An Online Course course ID# 2605
- Tablet Production for Operators and Supervisors course ID# 1428

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 onlinetraining@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.