

# FRAGRANCE AS A SCIENCE

JANUARY 29, 2013  
DOUBLETREE NEWARK AIRPORT HILTON, NEWARK, NJ  
INSTRUCTED BY STEPHEN HERMAN

## COURSE OUTLINE

This course will cover the sense of smell, the history of perfume, fragrance creation and duplication, aroma chemicals and reactions, fragrance applications in personal care and household products, fragrance regulations, natural fragrances, aromatherapy and household products, fragrance regulations, natural fragrances, aromatherapy and aroma science

- Chemoreception, the stereo chemical theory of odor, the vibrational theory of odor, the olfactory gene family, signal transduction: how an odor molecule in the air is transformed into a signal and emotion in the brain
- The history of fragrance, particularly since the introduction of synthetic materials, the creation of fragrance, fragrance families, fragrance duplication, aroma chemicals, reaction between fragrance chemicals with each other and between aroma chemicals and the environment
- Fragrance in personal care, solubility of individual aroma chemicals, partitioning into emulsion and surfactant systems, stability and viscosity issues, aesthetic translation into diverse media.
- Fragrance in household products, interaction of fragrance with substrates, stability in hostile environments, air fresheners and candles, fragrancing bleach, malodor counteractants
- Fragrance safety and regulations, the role of RIFM and IFRA
- Natural fragrances, fragrance and the mind, aromatherapy, aroma science-the influence of odors on mental and physical performance

	FEES	
	Early Fee	Late Fee (After 01/14/13)
SCC Member	\$350.00	\$400.00
SCC Student Member	\$200.00	\$225.00
Non-Member	\$475.00	\$525.00

### About The Instructor

**Steve Herman** is Vice President New Technology Development at AFF International. He has been an adjunct professor in the FDU Masters in Cosmetic Science program since 1993, teaching the formulation lab and perfumery. His SCC activities include serving as Chairman of the New York Chapter in 1992. He was awarded the 50<sup>th</sup> Anniversary Chapter Merit Award in 1995 and was elected Fellow in 2002. He has written several articles on fragrance topics, and been a columnist for GCI since 1998. He has written a book, Fragrance Applications: A Survival Guide, published by Allured. He has recently received a patent on fragrances for vehicles.

-Course hours: 9:00 A.M. – 5:00 P.M.

-Registration fee includes all course materials, lunch, coffee & beverage breaks.

**-Parking fees are not included.**

-Registrants must make hotel accommodations on their own, if needed. Contact the DoubleTree Newark Airport Hotel, 128 Frontage Road, Newark, NJ at (973) 690-5500.

-The SCC has blocked a limited number of guest rooms at a discounted rate. Indicate to reservation agent that you will be attending this SCC function.

These rates are available for a limited time so please make your reservations by 12/29/13.

-Fees for the course are transferable but not refundable after 01/21/2013. Applications who do not transfer to attend a different course will be subject to a \$50.00 administration fee.

**-ALL CHECKS ARE TO BE PAID IN U.S. DOLLARS DRAWN ON A BANK WITH AN ADDRESS IN THE UNITED STATES AND MADE PAYABLE TO SOCIETY OF COSMETIC CHEMISTS.**

If five or more employees from the same company register for the same course, they may deduct \$25.00 from each registration. If ten or more register they may deduct \$50.00 for each registration. All registration forms must be received together along with payment.

**NOTE: The SCC reserves the right to cancel any course for which there is insufficient registration. A full refund will be issued in this circumstance.**

# SCC

## REGISTRATION FORM

REGISTRATIONS CAN BE SENT TO SCC VIA:

**MAIL:**  
Society of Cosmetic Chemists  
120 Wall Street, Suite 2400  
New York, NY 10005-4088

**FAX:**  
(212) 668-1504

American Express, Visa and Master Cards are accepted for payment. All Checks should be made payable to Society of Cosmetic Chemists. Please type or print your name, as you want it to appear on your badge and certificate. Reproduce this form for additional registrations. \*All courses must be paid in full before course date. **DO NOT ASSUME YOU ARE REGISTERED UNLESS YOU RECEIVE A PRINTED CONFIRMATION.**

Course Title	Date	Course Fee
	<b>TOTAL ENCLOSED</b>	

**NOTE: ALL CHECKS ARE TO BE PAID IN U.S. DOLLARS DRAWN ON A BANK WITH AN ADDRESS IN THE UNITED STATES AND MADE PAYABLE TO THE SOCIETY OF COSMETIC CHEMISTS.**

**\*PLEASE PRINT CLEARLY**

**CIRCLE CHOICE:**      **VISA**                      **MASTER CARD**                      **AMERICAN EXPRESS**

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**QUESTIONS? Phone Doreen Scelso at the SCC National Office at (212) 668-1500**

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**FOR SCC USE:**

Rec'd \_\_\_\_\_ Company \_\_\_\_\_ Amount \_\_\_\_\_ Check # \_\_\_\_\_ Acct# \_\_\_\_\_