



Society for Chemical Hazard Communication
Professional Development Training

**Human Factors in Hazard Communication for
Occupational and Consumer Settings**

Sunday, September 24, 2017

Crystal Gateway Marriott Hotel -Arlington, Virginia

Course Description

This course is designed to provide participants with an understanding of human factors as an integral part of chemical hazard communication. After taking this course, participants will better understand how people process information and why regulatory frameworks are important, and will better be able to make and explain decisions about hazard communication content.

By providing a detailed look at communication models and human information processing, this course will help participants consider how workers and consumers use hazard communications and how hazard communication goals can be achieved while limiting information overload. Emphasis will be placed on the differences and similarities in the chemical hazard communication process in consumer and occupational settings. Topics covered will include sources of information used by receivers, factors affecting receiver compliance, and human factors aspects of U.S. regulatory frameworks, including HazCom 2012 and FHSA.

This is an advanced course. While there are no formal prerequisites for this course, it is recommended that participants have taken the SCHC course HazCom 101 – Introduction to Chemical Hazard Communication, or that they are generally familiar with the content of SDSs and occupational and/or consumer labels.

Intended Audience

Hazard communication professionals looking to improve their ability to make decisions about communication content based on the science of how people use and process information.

Course Director / Instructor



Julia Diebol, Ph.D., CSP, C.P.S.M.

Julia Diebol is a Managing Consultant at Applied Safety and Ergonomics, Inc. In this capacity, Dr. Diebol has evaluated the adequacy of hundreds of labels and SDSs, including materials dating from the early 1900s. She has experience evaluating conformance with OSHA's Hazard Communication Standard as well as CPSC, FDA, and EPA labeling regulations, and industry consensus standards. Dr. Diebol holds a Ph.D. in Environmental Health Sciences from the University of Michigan School of Public Health and teaches a course in Safety Management at the University of Michigan College of Engineering. Her research has focused on receiver satisfaction with chemical hazard and exposure information. Dr. Diebol is a Certified Safety Professional (CSP) and a Certified Product Safety Manager (C.P.S.M.).



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Course Instructor



Raina Shah, M.S.E., C.P.S.M., CPE

Raina Shah is a Senior Consultant at Applied Safety and Ergonomics, Inc. Ms. Shah has consulted with manufacturers in the development and evaluation of labels and SDSs for consumer and occupational products for over fifteen years, and has extensive experience with the chemical hazard communication requirements of OSHA, EPA, CPSC, and industry standards. Ms. Shah's publications cover topics such as user responses to warnings and instructions and the use of safety information in occupational settings. A Certified Professional Ergonomist and a Certified Product Safety Manager, Ms. Shah regularly guest lectures on chemical hazard communication topics at the University of Michigan.

Course Fee

\$275.00 for members

\$365.00 for non-members

Course Topics and Schedule (Subject to Change)

Sunday, September 24, 2017

12:30 – 1:00	Registration
1:00 – 2:10	Introduction Models of Communication Overview of Human Capabilities and Behavior in Information Processing
2:10 – 2:25	Break
2:25 – 3:25	Human Factors Aspects of Regulatory Frameworks Human Factors in Occupational and Consumer Settings
3:35 – 3:50	Break
3:50 – 5:00	Human Factors and HazCom 2012 Discussion



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Registration

Admission to the course will be on a first come basis. Payment must be received by August 25, 2017, to secure your space. Space is limited.

Fill out the registration form located on SCHC's website: <http://www.schc.org>

SCHC accepts checks, Visa, MasterCard and American Express.

Cancellation Policy

No refunds will be given after August 25, 2017. No one will be admitted to the course unless all fees have been paid in advance. Substitutions are permitted. Every effort has been made to ensure the information in this brochure is accurate. SCHC reserves the right to modify this course without prior notice or to cancel the course 30 days prior to the course date. In the event this course is canceled, SCHC's obligation is limited to a full refund of the course fee.

Hotel Accommodations

Arrangements have been made for a block of rooms at the Crystal Gateway Marriott Hotel – 1700 Jefferson Davis Highway, Arlington, Virginia – 703-920-3230. The rate is \$200/night single or double occupancy through September 1, 2017. You must identify yourself with SCHC when making reservations.