**Course Description**

This course is designed to provide an overview of the principles of toxicology as they relate to hazard communication. An emphasis is placed on toxicologic principles that directly apply to OSHA health hazards as defined in Appendix A of the HazCom Standard. The goal of this course is to provide participants with an understanding of the principles of toxicology and the mechanism by which chemicals produce adverse health effects, in order to provide a foundation upon which hazard determination and classification skills can be developed. The course is based on an organ and system approach to toxicology. This involves an understanding of normal organ and system structure, function, and capacity, followed by an assessment of how specific chemicals can alter one or more of these parameters to produce adverse health effects.

This is a basic course and there are no prerequisites. However, it is recommended that participants have a basic understanding of human anatomy and physiology (i.e., college biology).

**Intended Audience**

Hazard communication professionals looking to strengthen their understanding of toxicology and to broaden their hazard determination and risk assessment skills.

**Course Director / Instructor**

Robert Skoglund, Ph.D., DABT, CIH

Dr. Skoglund is the Director of Product Safety and Regulatory Affairs at Covestro LLC. His responsibilities include compliance, safety, and stewardship, including hazard communication.

**Course Instructor**

Catherine F. Jacobson, Ph.D., DABT

Dr. Jacobson is a Senior Toxicology Specialist at the 3M Company. Her primary responsibilities include assessing the human health hazards and risks of products and other materials for several 3M business units. In addition, she oversees the authoring of hazard communication documents, develops comprehensive health hazard profiles for chemical substances important to 3M, and serves as the corporate lead for product air quality regulations.
Course Instructor

Robert Roy, Ph.D., DABT

Dr. Roy is a Lead Toxicology Specialist at 3M in St. Paul, Minnesota. His primary responsibilities include assessing the human health hazards and safety of products and other materials for several 3M business units. In addition, he leads the development of the 3M Occupational Exposure Guidelines; and plays a leadership role for California Proposition 65 compliance, consumer product labels, and hazard determination, hazard communication, and human risk assessment issues.

Course Fee

$450.00 for members
$540.00 for non-members

Course Topics and Schedule (Subject to Change)

Sunday, September 24, 2017

7:30 – 8:00 Registration / Continental Breakfast
8:00 – 9:10 Introduction
Principles of Toxicology
9:10 – 9:25 Break
9:25 – 10:35 Toxicology of the Endocrine System
Toxicology of the Hematopoietic System
Toxicology of the Immune System
10:35 – 10:50 Break
10:50 – 12:00 Toxicology of the Respiratory System
Toxicology of the Reproductive System
Developmental Toxicology
12:00 – 1:00 Lunch (provided)
1:00 – 2:10 Toxicology of the Cardiovascular System
Toxicology of the Nervous System
Genotoxicity, Mutagenicity, and Carcinogenicity
2:10 – 2:25 Break
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.