



Society for Chemical Hazard Communication  
Professional Development Training

Toxicology for Hazard Communication

June 4, 9, & 11, 2020  
Distance Learning

### 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 mechanisms by which chemicals produce adverse health effects and 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 in order to broaden their hazard determination and risk assessment skills.

**Course Fee:** \$450.00 members // \$540.00 non-members

### 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 product safety, compliance, stewardship, and sustainability for North America - 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 raw materials, chemical intermediates, and products for several 3M business units. In addition, she oversees the authoring of hazard communication documents and develops comprehensive health hazard profiles for chemical substances important to 3M.



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**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 has been actively involved in California Proposition 65 assessments, chemical health hazard determination, and the human risk/safety assessment of chemicals/intermediates and finished products.

**Course Topics and Schedule (Subject to Change)**

**Thursday, June 4, 2020**

1:00 – 3:30pm (ET) Introduction  
Principles of Toxicology  
Toxicology of the Nervous System  
Toxicology of the Endocrine System  
Toxicology of the Hematopoietic System

**Tuesday, June 9, 2020**

1:00 – 3:30pm (ET) Toxicology of the Immune System  
Toxicology of the Respiratory System  
Toxicology of the Liver  
Toxicology of the Skin  
Genotoxicity, Mutagenicity, and Carcinogenicity  
Toxicology of the Cardiovascular System

**Thursday, June 11, 2020**

1:00 – 3:30pm (ET) Toxicology of the Kidney  
Toxicology of the Eye  
Toxicology of Miscellaneous Target Organs and Systems  
Toxicology of the Reproductive System  
Developmental Toxicology  
Information Resources



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**Registration**

This is a full-day training session offered over three days via GoToTraining. You are expected to participate in all sessions to receive a certificate. The course will not be recorded and there will be no make-up sessions available. Registration and payment must be completed by June 2, 2020, to secure your space.

[Register here.](#)

SCHC accepts checks, Visa, MasterCard and American Express. If paying by check, check must be received by SCHC by June 3, 2020.

**Cancellation Policy**

No refunds will be given after midnight June 2, 2020. No one will be admitted to the training unless all fees have been paid in advance. 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. In the event this course is canceled, SCHC's obligation is limited to a full refund of the course fee.