

Registration
**Fundamentals of
Industrial Hygiene**

Certificate Program – 4 Contact Hours

Thursday, September 7, 2017

COMPANY NAME:

ADDRESS:

CITY: _____ ZIP: _____

Phone #: _____

Attendee Name(s):

Email: _____

Payment Information

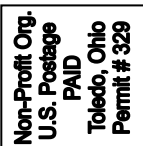
Payment Enclosed: _____

Check #: _____ Amount: _____

Invoice Me: _____

Attn: _____

Cancellations less than 24 hours in advance and no-shows are responsible for the full registration fees. Substitutions may be made prior to the first session. Non-Members must pre-pay to register.



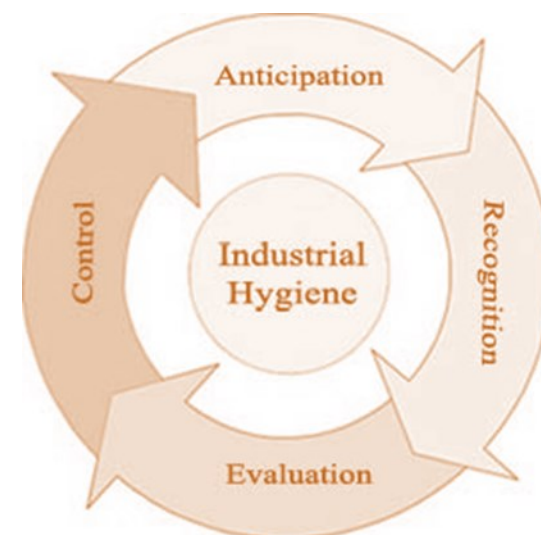
Safety Council of Northwest Ohio
8015 Rinker Pointe Court
Northwood, Ohio 43619
419.662.7777
Fax: 419.662.8888
www.scnwo.org



PROFESSIONAL SAFETY
ACADEMY

**Fundamentals
of INDUSTRIAL
HYGIENE**

Thursday,
September 7, 2017
8:00 am to 12:00 pm



Date & Time:

Thurs., September 7, 2017

Time: 8:00 am to 12:00 pm

4 Contact Hours

Investment

SCNWO Members	\$185.00
Non-Members	\$285.00

For more Information

Call 419-662-7777 or

Email: safetycouncil@scnwo.com

LOCATION:



**8015 Rinker Pointe Ct.
Northwood, OH 43619**

FUNDAMENTALS OF INDUSTRIAL HYGIENE

This course is designed for safety, health, environmental, and management personnel who have industrial hygiene responsibilities, but limited training or experience in industrial hygiene. It consists of four modules:

- ⇒ **Module 1: Introduction** - Introduction to Industrial Hygiene and Industrial Hygiene Concepts
- ⇒ **Module 2: Anticipation and Recognition** – Particulate Matter, Gasses and Vapors, Noise
- ⇒ **Module 3: Evaluation** - Exposure Assessment Concepts, Air Sampling for Particulate Matter, Air Sampling for Gases and Vapors
- ⇒ **Module 4: Control** - Hierarchy of Controls, Principles of Ventilation, Personal Protective Equipment and Other Control Options

Upon completion of this course, you should be able to:

- Define basic terms and technical concepts integral to the practice of industrial hygiene.
- Explain how the practice of industrial hygiene fits within an environmental health and safety (EH&S) program
- Explain the differences between chemical (gases/vapors, dusts/mists/fumes), physical, and biological agents in the workplace.
- Identify occupational health hazards that may exist in the workplace including ergonomic, chemical, biological, radiological and physical hazards
- Calculate time-weighted averages.
- Convert between various units of exposure (for example, mg/m³ to ppm).
- Calculate and interpret noise exposures and doses.
- Identify the basic concepts of workplace exposure assessment.
- Describe the hierarchy of controls and how it applies to hazard control.
- Integrate various concepts into a broader occupational/ environmental health and explain the management of issues from the perspectives of anticipation, recognition, evaluation, and control.

Presented by

**Donald Elswick,
CSP, CHMM, CET
Elsmart Associates**

Don Elswick is the EHS Manager with ELSMART Associates, LLC. He is currently a Professor for Chemistry and Environmental Safety and Occupational Health (ESOH) at the University of Findlay. Previously he has been employed in the chemical industry and high speed manufacturing in support and oversight of the implementation of companies EHSS policies, procedures, standards, guidelines and security practices. Don's military service encompasses thirty-two years of commissioned and non-commissioned service in support of health services.

Don has earned the Certified Environmental Trainer (CET #99-878) designation from the National Environmental Training Association with a specialization in Management and Transportation of Hazardous Material and Waste and is certified by the Institute of Hazardous Materials Management as a Certified Hazardous Material Manager (CHMM #9854). He is certified by the Board of Certified Safety Professionals as a Certified Safety Professional (CSP#19460). Don earned his Bachelor of Science in Chemistry at Marshall University, Huntington, and his Masters of Science in Environmental Science at Marshall University Graduate College.