Course Description

This course will provide practicing industrial hygienists with a fundamental training in assessing workplace ventilation design and function. Through didactic sessions and hands on activities in this one and one-half day course, the participants will learn how to evaluate the effectiveness of ventilation systems, diagnose problems, and apply the equations on the CIH exam equation sheet to everyday ventilation problems. Both general dilution ventilation and local exhaust ventilation systems will be examined.

This training is intended for all practicing industrial hygienists who are tasked with evaluating ventilation systems, or who are studying for the CIH exam and would like a review of the fundamentals of ventilation.

REGISTRATION

Standard Registration Cost: $295

Register online at osha.washington.edu or by contacting The NWCOHS Continuing Education Programs at 206-685-3089 or ce@uw.edu. Groups rates, as well as student and government employee discounts, are available.

DATE & LOCATION

November 12, 2020, 9:00am - 3:00pm and November 13, 2020, 9:00am - 3:00pm

Virtual Classroom setting using Zoom two-way video conferencing technology

INFORMATION

Northwest Center for Occupational Health and Safety Continuing Education Programs

Phone: 206-685-3089
E-mail: ce@uw.edu
Website: osha.washington.edu
INDUSTRIAL HYGIENE PRINCIPLES & PRACTICE COURSE SERIES

Save the date for the Northwest Center for Occupational Health and Safety's IH Principles and Practice Course Series! Intended for practicing industrial hygienists at all levels of experience, and those who are studying for the CIH exam and would like a review in the fundamentals of key industrial hygiene topics.

Course 1: Noise - August 26-27, 2020, Virtual Classroom
Course 2: Ventilation - November 13-14, 2020, Virtual Classroom
Course 3: Thermal Stressors - Date TBD

*Dates are subject to change. Please see osha.washington.edu for the most up-to-date information.
Course Agenda

Day 1 - November 12, 2020

9:00-9:10am  Course Introductions
             Martin Cohen, Course Director

9:10-10:15am  Fundamentals of Ventilation Systems
               Ed Chessor

9:10-11:30am  Fundamentals of Ventilation Systems
               Ed Chessor
               Break at 10:15am

11:30am-12:00pm  Fundamentals of Ventilation Systems Continued
                  Ed Chessor

12:00-3:00pm  Small Group Activities (60 minutes each)
               Laboratory Measurements | Marc Beaudreau
               Equation Review | Kate Durand
               Ventilating Confined Spaces | Stephanie Carter

Day 2 - November 13, 2020

9:00-10:00am  ACGIH Design Guidance
               Ed Chessor

10:00-10:10am  Break

10:10-11:10am  Diagnosing Problems
               Gerry Croteau

11:10am-12:10pm  Classroom Rotation (30 minutes each)
                  Standards & Current Washington State Labor & Industries Activity | Venetia Runnion
                  Laboratory Fume Hoods | TBD

12:10-1:00pm  Lunch Break

1:00-2:00pm  Laboratory Exercise - Troubleshooting System Problems
               Martin Cohen

2:00-3:00pm  Wrap Up, Q&A, and Evaluation