

TRAINING FOR PULMONARY FUNCTION TESTING

DATE AND LOCATION

This course will be held February 25-26, 2008 in Salt Lake City, Utah. Accommodation information will be sent upon receipt of registration.

CREDITS

This course has been certified by the National Institute for Occupational Safety and Health (NIOSH). It will be awarded continuing education units (CEU's), the national standard for recognition of non-academic professional education. ABIH Certification Maintenance Points have been requested.

TOPICS

Spirometry - Definitions & Relevance
Physiology & Anatomy
Techniques for Performing Spirometry
Equipment
Calibration
Definition and examples
Spirogram criteria
Patient information
Coaching
Performance of forced expiratory maneuver
Example of acceptable and unacceptable spirogram
Medical problems
Time 0 (back extrapolation)
Measurement of FEV₁, FVC
FEV₁/FVC
Conversion of observed value (ATPS) to BTPS
Calculation of FEF₂₅₋₇₅ from Sample Curves
Techniques for Performing Spirometry - Part Four
Predictive values
Relationship of race, sex, height, age, temperature, altitude
Calculation of percent predicted
Calculation of percent changed from baseline
Recordkeeping
Regulations
Comparison to previous results
Maintenance and Cleaning of Equipment
Practica & Exam

NOTE: This course is math intensive and a hand-held calculator is required. While not difficult, there is a significant amount of math.

WHO SHOULD ATTEND

Both of these instructional courses are available to occupational health nurses and physicians, safety professionals, health technicians and other personnel involved in the performance and interpretation of audiometric and pulmonary function testing.

REGISTRATION

Advance registration is required for both courses since **ENROLLMENT IS LIMITED** because of instrumentation laboratories. Regular tuition for the Pulmonary Function Testing Course is \$425; the Hearing Conservation course is \$535. The regular tuition for the refresher course is \$225.00 (does not include CAOHC manual). Tuition including a new course manual is \$275.00.

Payment may be made by check, credit card (MasterCard, VISA or American Express), or Purchase Order (a \$7.50 processing fee will be charged against POs). Payment IN FULL must be received prior to the start of the course. Telephone registrations are accepted. **All requests are handled on a first-come, first-served, space-available basis.** Confirmation letters are mailed within five working days of receipt of registration form. REGISTRATIONS SHOULD NOT BE CONSIDERED CONFIRMED UNTIL A WRITTEN CONFIRMATION LETTER IS RECEIVED BY THE COURSE PARTICIPANT. If you are in doubt about your registration call 801-581-4055 or fax 801-585-5275.

NOTE: BRING A CALCULATOR TO CLASS!!

CANCELLATION POLICY

A full refund will be made upon receipt of cancellations received earlier than 10 working days prior to the course start date. Cancellations received within 10 working days prior to course start date will carry a \$50 cancellation fee. RMCOEH reserves the right to cancel a course in which case the full enrollment fee shall be returned to the registrant. NO SHOWS will not be refunded. Note: If you must cancel, your registration may be transferred to another RMCOEH-sponsored training course.

Visit our Web Site for other courses:
<http://uuhs.c.utah.edu/rmcoeh/ContEdProg/Courses.html>

CAOHC-APPROVED OCCUPATIONAL HEARING CONSERVATION

DATE AND LOCATION

This course will be held February 27-29, 2008 in Salt Lake City, Utah. Accommodation information will be sent upon receipt of registration.

CREDITS

Accreditation from the Council for Accreditation in Occupational Hearing Conservation (CAOHC) has been awarded. Continuing Education Units (CEU's) will also be awarded. Any questions regarding certification or recertification should be directed to: **CAOHC, 555 East Wells Street, 11th Floor, Milwaukee WI 53202-3800 (414-276-5338).** **NOTE: CAOHC certification and recertification is good for 5 years with NO grace period.** ABIH CM points have been requested.

TOPICS

Hearing Conservation in Noise
Anatomy, Physiology and Diseases of the Ear and Otoloscopic Screening
The Audiometer and Test Environment
Audiometric Technique
Hearing & the Physics of Sound
Principles of Noise Analysis and Control
Otoloscopic Screening Practicum
Introduction to Hearing Protection Devices
**The Role of the Occupational Hearing Conservationist
Federal and State Regulations Related to Noise and Hearing
Review of Audiometer, Test Environment and Audiometric
Techniques
Audiogram Review, Referral & Employee Follow-Up
Employee Education and Motivation
Recordkeeping/OSHA Site Visits
Personal Hearing Protection**
Review of Audiometric Testing
Review of Hearing Conservation Programs
Practica & Exam

NOTE: The second day of the course (February 28) will also serve as a Refresher Course for those who only require an update to maintain certification. Topics in bold above are refresher topics. **To qualify for the refresher course, you must be CAOHC-certified and provide a copy of your certification with your registration form.**

REGISTRATION FORM

TRAINING FOR PULMONARY FUNCTION TESTING

FEBRUARY 25-26, 2008

AND

CAOHC-APPROVED OCCUPATIONAL HEARING CONSERVATION

FEBRUARY 27-29, 2008

NAME _____

MR./MRS./MISS/MS./DR. _____

FIRM _____

MAILING ADDRESS _____

CITY/STATE/ZIP _____

DAYTIME PHONE _____ FAX# _____

BILLING ADDRESS _____

EMAIL ADDRESS _____

SPECIALTY: Industrial Hygienist Nurse Physician
 Safety Professional Other _____

ORGANIZATION: Federal Government Industry Academia
 State Government Local Government
 Private/Self Other _____

- I will attend the full Pulmonary Function Testing course at regular tuition (\$425)
- I will attend the full Hearing Conservation course at regular tuition (\$535)
- I will attend both courses @ \$960

Audiometrics Refresher Course Only (February 28, 2008) (CAOHC # _____)

- I will attend the refresher course at regular tuition (\$225.00)
- I want to purchase a CAOHC Manual for the refresher course and have enclosed an additional \$50

- Purchase Order # _____
(a \$7.50 processing fee will be charged against POs)

Charge to: MasterCard VISA American Express

Card #

Expiration Date

Name on Card

Billing Address of Card

PLEASE make check payable, direct questions and mail to:

RMCOEH

Registration Coordinator

University of Utah

391 Chipeta Way, Suite C

Salt Lake City, Utah 84108

Telephone: (801) 581-4055

Fax: (801) 585-5275

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University of Utah
Rocky Mountain Center for
Occupational and Environmental Health
Department of Family & Preventive Medicine
391 Chipeta Way, Suite C
Salt Lake City, UT 84108

Training for Pulmonary Function Testing

February 25-26, 2008
Salt Lake City, Utah

CAOHC-Approved Occupational Hearing Conservation

February 27-29, 2008
Salt Lake City, Utah

SPONSORED BY:



The University of Utah

Rocky Mountain Center for
Occupational & Environmental Health

CONTINUING EDUCATION PROGRAM

DEPARTMENT OF FAMILY AND PREVENTIVE MEDICINE
THE UNIVERSITY OF UTAH

"Continuing Improvement Through Education"