

CERTIFICATION AND RECERTIFICATION COURSES

*Occupational  
Hearing Conservationist  
Certification and  
Recertification Courses*

*September 23-25, 2009  
The University of Iowa  
College of Nursing*

 THE UNIVERSITY OF IOWA  
COLLEGE OF NURSING

# **Occupational Hearing Conservationist Certification and Recertification Courses**

**September 23 - 25, 2009  
College of Nursing  
The University of Iowa**

**Sponsored by:**

*Adult & Gerontology Area of Study  
Parent Child Family Area of Study  
University of Iowa College of Nursing*

*AND*

*Heartland Center for Occupational Health and Safety  
Department of Occupational and Environmental Health  
University of Iowa College of Public Health*

# Occupational Hearing Conservationist Certification Course

September 23 - 25, 2009

College of Nursing

The University of Iowa

(Enrollment limited)

## STATEMENT OF PURPOSE

This two and one-half day workshop is designed to familiarize participants with all facets of occupational hearing conservation and certify them as an audiometric technician. Upon completion, a certificate will be awarded which documents evidence of training now required by federal law. Participants will also qualify for certificate by the Council for Accreditation in Occupational Hearing Conservation (CAOHC).

## OBJECTIVES

Upon completion of the offering the participants will be able to:

1. Discuss the basic anatomy of the ear.
2. Identify the types and causes of hearing loss.
3. Discuss audiometric terms, the audiometer and test environment.
4. Administer pure tone threshold tests.
5. Discuss federal and state regulations relating to noise exposure and hearing conservation programs.
6. Discuss the effects of noise on hearing.
7. Describe the effects of hearing loss on ability to communicate.
8. Interpret the state and federal regulations relating to noise exposure and hearing conservation.
9. Discuss the assessment of hearing protector effectiveness.
10. Discuss the selection and fit of appropriate hearing protection.
11. Discuss the requirements for employee education and content of training for hearing protection and hearing conservation.
12. Develop an educational program for hearing conservation appropriate for the given audience.
13. Discuss the importance of record keeping and the OSHA requirements.
14. Apply the responsibilities of the hearing conservationist in various settings.
15. Demonstrate the requirements for audiometric calibration and function.
16. Arrange for a good test environment for hearing evaluation.
17. Identify information needed in an effective employee history.
18. Manage special problems in hearing conservation.
19. Identify factors that affect pure tone thresholds.

## SCHEDULE

### Wednesday, September 23, 2009

- 7:30 Registration/Continental Breakfast - Heritage Room (133 Nursing Bldg)
- 8:00 Introduction to Hearing Conservation - Laura Kauth
- 8:45 Anatomy and Physiology of the Ears - Kerri Rupe
- 9:45 Otoscopic Examination and Practicum - Kerri Rupe
- 10:15 *Break*
- 10:30 The Audiometer and Test Environment - Laura Kauth
- 11:30 Audiometric Technique - Laura Kauth
- 12:30 *Lunch*
- 1:00 Audiometric Testing Practicum - Laura Kauth
- 2:30 Ototoxins and Otoprotectants - Laura Kauth
- 3:15 *Break*
- 3:30 Hearing and the Physics of Sound - Wayne Sanderson
- 4:15 Noise Analysis and Control - Wayne Sanderson
- 5:00 Recess

### Thursday, September 24, 2009

- 7:30 Continental Breakfast
- 8:00 Role of the Occupational Hearing Conservationist (OHC) - Laura Kauth
- 8:30 State and Federal Regulations - Laura Kauth
- 9:30 The Audiometer and Test Environment - Laura Kauth
- 10:00 *Break*
- 10:15 Audiometric Technique - Laura Kauth
- 10:45 Audiogram Review, Referral, and Employee Follow-up - Laura Kauth
- 11:45 *Lunch*
- 12:15 Testing Practicum - Laura Kauth
- 1:15 Personal Hearing Protection - Laura Kauth
- 2:15 Hearing Protection Devices (HPD) Practicum - Laura Kauth
- 2:45 *Break*
- 3:00 Recordkeeping - Laura Kauth
- 3:45 Employee Education - Laura Kauth
- 4:30 Recertification test/Certification skits/ early dismissal
- 5:00 Recess

### Friday, September 25, 2009

- 7:30 Continental Breakfast
- 8:00 Audiometric Testing - Review - Laura Kauth
- 8:30 HCP - Review - Laura Kauth
- 9:30 Regulations & Recordkeeping Review - Laura Kauth
- 10:00 *Break*
- 10:15 Practicum/ Audiometric Technique Exam - Laura Kauth
- 11:00 Education Review: Skits, Jeopardy
- 11:45 Written Exam
- 12:45 Questions & Answers, Evaluation, CEU Recording
- 1:00 Adjourn

# **Occupational Hearing Conservationist Recertification Course**

**September 24, 2009 – College of Nursing, University of Iowa**

## **STATEMENT OF PURPOSE**

This workshop will recertify those who already have CAOHC certification. The update includes review of hearing measurement techniques, employee education strategies, selection and fit of hearing protection, as well as current state and federal regulations relating to noise exposure and hearing conservation.

## **OBJECTIVES**

Upon completion of the offering participants will be able to:

1. Demonstrate the requirements for audiometric calibration and function.
2. Arrange for a good test environment for hearing evaluation.
3. Manage special problems in hearing conservation and administration of programs.
4. Interpret the state and federal regulations relating to noise exposure and hearing conservation.
5. Discuss the assessment of hearing protector effectiveness.
6. Discuss the selection and fit of appropriate hearing protection.
7. Discuss the requirements for employee education and content of training.
8. Develop an educational program for hearing protection.
9. Discuss OSHA requirements for record keeping.

## **SCHEDULE**

|       |   |
|-------|---|
| 7:30  | Registration/Continental Breakfast - Heritage Room (133 Nursing Building) |
| 8:00  | Role of the OHC   |
| 8:30  | State and Federal Regulations - Laura Kauth                               |
| 9:30  | The Audiometer and Test Environment - Laura Kauth                         |
| 10:00 | <i>Break</i>  |
| 10:15 | Audiometric Technique - Laura Kauth                                       |
| 10:45 | Audiogram Review, Referral, and Employee Follow-up                        |
| 11:45 | <i>Lunch</i>  |
| 12:15 | Testing Practicum   |
| 1:15  | Personal Hearing Protection - Laura Kauth                                 |
| 2:15  | HPD Practicum   |
| 2:45  | <i>Break</i>  |
| 3:00  | Recordkeeping - Laura Kauth   |
| 3:45  | Employee Education - Laura Kauth  |
| 4:30  | Recertification test/Certification skits/ early dismissal                 |
| 5:00  | Adjourn   |

## **LEAD FACULTY**

**Laura Kauth**, MA, CCC-A, Audiology Consultants, Davenport, Iowa

## **SUPPORTING FACULTY**

**Kerri Rupe**, DNP, ARNP, FNP-C, COHN-S, Associate Clinical Professor, University of Iowa College of Nursing, Iowa City, Iowa

**Wayne Sanderson**, PhD, CIH, Associate Professor, Department of Occupational and Environmental Health, College of Public Health, University of Iowa, Iowa City, Iowa

## **REGISTRATION FEES**

The fee is \$535 for the Certification Course and \$285 for the Recertification Course. Fee includes program, materials, luncheons, refreshments, guided practice and CAOHC certification fees, and CEU recording. If you have physical or other needs that require special assistance, please contact our office prior to the program.

## **CONTINUING EDUCATION AWARD**

The University of Iowa College of Nursing is an Iowa Board of Nursing approved provider, Number: 1. The certification course will award 2.37 CEUs; or 23.7 contact hours. The recertification course will award .96 CEUs or 9.6 contact hours. Full time attendance is required for CEU award and the CAOHC certificate.

Application for approval of the courses has been made to the Council for Accreditation in Occupational Hearing Conservation (CAOHC). A certificate of satisfactory course completion will be issued to participants upon successful completion of either course.

## **REFUNDS AND CANCELLATIONS**

If an applicant withdraws registration prior to opening of the conference, the registration fee less a \$50 handling charge will be refunded. NO REFUNDS WILL BE MADE AFTER THE CONFERENCE HAS CONVENED. We reserve the right to cancel the program due to lack of sufficient enrollment in which case the entire registration fee will be refunded.

## **LOCATION**

The conference is located in the Heritage Room (133 NB) at the University of Iowa College of Nursing in Iowa City, Iowa. Enter the main entrance of the Nursing Building and turn left, then go through the double doors. The Heritage Room (133 NB) is on the right side of the hallway. Please note the University of Iowa Campus is now a smoke-free environment.

## **HOTEL ACCOMMODATIONS AND PARKING**

A block of rooms has been reserved for the conference at the Baymont Inns & Suites, 200 6<sup>th</sup> Street, Coralville, Iowa 52241. The room rate is \$79.00 Single/Double plus tax. Please contact the hotel directly at (319) 337-9797 or 1-800-767-5355, and ask for the Occupational Hearing Conference group to receive the discounted group rate. Reservations are due by September 8, 2009 in order to receive the discounted group rate. The hotel offers free roundtrip shuttle service from the hotel to the College of Nursing. Otherwise, parking is available at \$15 per day at the parking ramp located on Newton Road.

## **FOR ADDITIONAL INFORMATION**

For more information contact Nancy Lathrop, Parent Child Family Area of Study, College of Nursing, The University of Iowa, Iowa City, Iowa 52242, (319) 335-7075 or by e-mail at [nancy-lathrop@uiowa.edu](mailto:nancy-lathrop@uiowa.edu).

Individuals with disabilities are encouraged to attend all University of Iowa sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact Nancy Lathrop in advance at (319) 335-7075.

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