

Program: **Certificate in Occupational Health Nursing**

Course: **COHN 5120 - Occupational Health Screening & Analysis**

Instructor: **Juanita House**

Course Description:

In this course you will learn about physical assessment in the occupational health setting, including audiometric testing, vision testing, and spirometry and biological monitoring.

This course provides the foundational knowledge for Occupational Health Nurses to be able to:

- Conduct worker health assessments
- Obtain and refer to fitness for work medical history
- Categorize workers related to exposure risks and safety-sensitive positions
- Recommend worker PPE
- Develop and maintain a hearing conservation program
- Interpret and use OH code
- Follow reporting standards
- Develop and implement surveillance programs including Respiratory

Course Objectives:

1. Understand the purpose of health screening in the workplace and its preventative impact on worker health.
2. Develop a hearing conservation program and prepare students to conduct audiometric testing on workers.
3. Develop a respirator protection program and prepare students to conduct spirometry testing
4. Prepare students to conduct vena-puncture in the workplace.
5. Prepare students to conduct vision screening in the workplace.
6. Understand the importance of Occupational Health and Safety Code on hearing Conservation and Respiratory Protection programs.

Course Outline:

This is a five-module course, requiring both independent and supervised activities.

MODULE 1: Occupational Health Screening

MODULE 2: Audiometric Testing

MODULE 3: Spirometry Testing

MODULE 4: Vision Screening

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MODULE 5: Blood Collection

The supervised skill demonstrations are in the areas of audiometry, spirometry, blood collection and vision screening. You will be required to find an invigilator who will assess your performance in each of these areas.

Academic Requirements:

To successfully complete the course, students must meet criteria on each of the skill demonstrations and achieve a minimum 80% on the Final Exam (OH Screening Exam). Two of the skill demonstrations (Audio and Spiro) require the student to first complete a multiple-choice exam and earn a minimum score.

The online exams are comprised of multiple-choice questions and are numerically graded.

1. **Audiometric Technician Exam** (as per certification regulations, 80% is required before the skill demonstration can be attempted)
2. **Spirometry Exam** (as per certification regulations, 75% is required before the skill demonstrations can be attempted)
3. **OH Screening Final Exam** (the final course grade is comprised solely of this final exam)

Skill Demonstrations:

1. *Audiometry Skill Demonstration* (once 80% score is earned on the exam)
2. *Spirometry Skill Demonstration* (once 75% score is earned on the exam)
3. *Blood Collection Skill Demonstration*
4. *Vision Screen Skill Demonstration*

The skill demonstrations are graded as MEETS CRITERIA (MC) or DOES NOT MEET CRITERIA (DNMC).

The final course grade awarded is based solely on the score achieved on the Final Exam (OH Screening Exam).

Skill Demonstration Expenses:

Students are responsible for all expenses related to the skill demonstrations. Expenses may include but not limited to:

- Transportation
- Fees required by site placement
- Fees required for background checks
- Printing / Photocopying / Faxing / Scanning