

**ALLAN HANCOCK COLLEGE  
COURSE OUTLINE**

**DEPARTMENT:** FIRE, SAFETY & EMS  
**PREFIX & NO.:** ENVT 155  
**CATALOG TITLE:** Respiratory Protection—Administration  
**SCHEDULE TITLE:** Respiratory Protection—Admin.  
**UNITS:** .5  
**TOTAL LECTURE HOURS:** 8  
**TOTAL NUMBER OF WEEKS:** (if other than 16) 2  
**GRADING OPTION:** Credit/No Credit Option

**CATALOG DESCRIPTION**

Basic administrative principles and techniques for establishing and maintaining a respiratory protection program in accordance with 8 CCR 5114 and 29 CFR 910.134. Students learn to critically analyze and determine appropriate respiratory protection and the associated sanitizing, inspection, and maintenance of respiratory protective equipment to develop and apply a respiratory protection program.

**SCHEDULE DESCRIPTION**

Basic principles and techniques for analyzing, writing, establishing, and maintaining a respiratory protection program in accordance with 8 CCR 5144 and 29 CFR 910.134.

**COURSE GOALS To encourage and enable students to:**

1. understand the respiratory standard as defined in 8 ccr 5114 and 29 cfr 910.134.
2. understand requirements for writing and implementing a respiratory protection program.

**INSTRUCTIONAL OBJECTIVES At the end of the course, the students will demonstrate the ability to:**

1. design a written respiratory protection program for a site-specific industrial setting.
2. interpret the contents of a respiratory protection program requirements as defined in 8 ccr 5114.

**COURSE OUTLINE**

	<b><u>HOURS</u></b>
1. Procedures for selecting respirators for use in the workplace medical evaluations of employees required to use respirators and fit testing procedures	2
2. Proper use of respirators in routine and emergency situations	1
3. Procedures and schedules for sanitizing, storing, and maintaining respirators	1
4. Procedures to ensure adequate air quality and quantity for respirators	1
5. Employee training requirements	1
6. Writing a Respiratory Protection Program	2

**APPROPRIATE READINGS (other than textbook)**

1. 29 CFR 1910.134
2. Small entity compliance guide for the revised respiratory protection standard. OSHA office of Publications. Washington D.C.

## **ASSIGNMENTS**

1. Various short writing assignments
2. Reading

### **Sample Writing Assignment:**

Describe the components of a written respiratory program as defined in 8 CCR 5144 (f).

## **EVALUATION**

Final exam consisting of multiple choice, short answer and short essay questions.

### **Sample Essay Question:**

Describe in detail OSHA's Respiratory Protection Standard and what are the intentions of the standard?

## **TEXTS AND SUPPLIES**

Adopted Text: Title 8 CCR 5144

Other Materials: MSDS document, ERG, NIOSH Guidebook, chemical protective clothing references, respirators, breathing apparatus.