JRYM 427A: WILDFIRE SMOKE PROTECTION/WILDFIRE SMOKE N95 MANDATORY RESPIRATOR/RESPIRATOR USER

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Spring 2026
Units:	0
Hours:	1-3.5 hours lecture total per quarter.
Prerequisite:	This course is limited to students employed with Cupertino Electric.
Degree & Credit Status:	Non-Degree-Applicable Non-Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

Student Learning Outcomes

- Identify symptoms related to smoke inhalation
- Demonstrate safe work practices during wildfire smoke conditions
- Take measures to reduce exposure in outdoor work environments
- Demonstrate proper use of N95

Description

This course covers topics related to the health hazards associated with wildfire smoke, and the measures employees can take to protect themselves from these hazards.

Course Objectives

The student will be able to:

1. Minimize health risks and respond appropriately during wildfire smoke events.
2. Understand Air Quality Index (AQI) levels and related risks.
3. Properly don and doff their respiratory protection.
4. Check for proper fit and demonstrate proper storage of their respiratory protection devices when not in use.

Course Content

1. 0.75 hour training for Protection from Wildfire Smoke
   a. Health hazards of wildfire smoke exposure
   b. Identification of symptoms related to smoke inhalation
   c. Measures to reduce exposure in outdoor work environments
   d. Requirements for respiratory protection and when it is necessary
   e. Safe work practices during wildfire smoke conditions
   f. Communication and monitoring procedures
2. 0.5 hour training for Wildfire Smoke N-95 MANDATORY Respirator User
   a. Wildfire smoke health hazards and exposure risks
   b. Awareness of Air Quality Index (AQI) levels
   c. N95 respirator purpose, limitations, and proper use
3. 3.5 hours training for Respirator User
   a. N95 filtering facepiece and/or the full or half mask cartridge respirators
   b. Properly don and doff respiratory protection
   c. Respirator medical evaluation questionnaire

Lab Content

Not applicable.

Special Facilities and/or Equipment

1. When taught in person, this training must be conducted in a clean classroom with internet access, necessary hardware and software, and course materials, if applicable.
2. When taught online, this course requires access to CEI's Learning Management System (Amplify), continuous access to a computer with the necessary software and hardware to view video content, and a reliable intranet connection.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

Quiz

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Lecture

Representative Text(s) and Other Materials

CEI EH&S program, applicable Fed/OSHA and/or Cal/OSHA standards, Users Manual or instructions for specific respiratory protection devices, provided by Cupertino Electric.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

No assignments.

Discipline(s)

Electricity