

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
NONCREDIT COURSE

(Use this form only for Noncredit courses)

COURSE NUMBER AND TITLE: CNED 600 40-Hour HAZWOPER Certification

MINIMUM NUMBER OF SEMESTER HOURS: 40

SCOPE OF COURSE:

A comprehensive study of safety procedures and emergency response to chemical and physical emergencies in industrial and field settings. Satisfies the requirement of Federal Occupational Safety and Health Administration (OSHA) Regulation 29 CFR 1910.120 (e) and State Regulation 5192 Title 8.

SPECIFIC COURSE OBJECTIVES:

Successful students will be able to:

1. Discuss the history of worker health and safety rights and regulations in the United States.
2. Describe the areas of responsibility of key regulatory agencies.
3. Analyze a Material Safety Data Sheet (MSDS).
4. Identify and categorize chemical and physical hazards.
5. Apply procedures to minimize risk by developing appropriate controls, employing safe work practices, and monitoring hazardous situations.
6. Describe the function of Level A protective suits.
7. Describe the function and correct use of Levels B and C protective suits, self-contained breathing apparatuses (SCBAs), and air purifying respirators.
8. Read and interpret a site safety plan.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

- I. Introduction
 - A. Historical perspective
 - B. Terminology
 - C. Regulations
 1. Applicable laws
 2. Certification requirements
 - D. Regulatory Agencies
 1. Occupational Health and Safety Administration (OSHA)
 2. Environmental Protection Agency (EPA)
 3. National Institute of Occupational Health and Safety (NIOSH)
 4. Occupational Safety and Health Regulatory Commission (OSHRC)

- II. Material Safety Data Sheet (MSDS)
 - A. Purpose
 - B. Completion

- III. Physical and Chemical Hazards
 - A. Causes
 - B. Effect on humans and the environment

- IV. Risk Management
 - A. Prevention
 - B. Monitoring tools
 - C. Industrial controls

- V. Protective Equipment
 - A. Self-contained breathing apparatuses (SCBAs)
 - B. Respirators
 - C. Levels A, B, and C suits

- VI. Site Safety Plans
 - A. Function
 - B. Content

MATERIALS REQUIRED: None.

TEXTS RECOMMENDED OR REQUIRED:

Required reading:

Federal Government. Code of Federal Regulations (CFR) 1910.120 (a-q).

State of California. Code of State Regulations 5192 Title 8.

Suggested reading:

Related state and federal regulations.

INSTRUCTIONAL METHODOLOGY:

Check all that apply:

- lecture
- laboratory
- lecture-laboratory combination

DISTANCE LEARNING:

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes No

If yes, check all that apply.

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

METHODS OF DETERMINING WHETHER THE STATED OBJECTIVES HAVE BEEN MET BY STUDENTS:

The course grading policy will be determined by individual instructors and may include the following:

- Exams
- Quizzes
- Research projects
- Writing assignments
- Classroom presentations
- Research papers
- Lab assignments
- Journal writing
- Classroom participation & discussion
- Homework

CONTACT PERSON: Mollie Smith, Director, Occupational and Noncredit Programs

SIGNATURES ON FILE:
