



SAFE-1140 HAZWOPER 24 Hour

2 CREDITS

SYLLABUS

CATALOG DESCRIPTION

The 24-hour program is specifically for hazardous waste operations. This program includes three days of hazardous waste operations instructions for employees who work with hazardous materials or respond to hazardous spills in the work location.

Prerequisites: None

Semester Offered: All

Common Student Learning Outcomes

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

Course Learning Outcomes

Upon successful completion of the course, the student will be able to

1. Implement safety regulations and protocols at Hazardous Materials Incidents. Fire, explosions, and radiation, including NORM. Grounding and bonding.

2. Identify physical properties of hazardous materials, including the NFPA 704 and HIMS labeling / marking systems.
3. Perform tasks using Informational Resources/Hazard Recognition
 - a. Includes practical research using, Safety Data Sheets (GHS), the Emergency Response Guidebook, and the NIOSH pocket guide.
 - b. Including electronic references.
4. Identify different containers and labeling in transportation of Hazardous Waste or Hazardous Materials.
5. Utilize the Incident Command Structure.
6. Perform hands on utilization of Personal Protective Equipment (PPE), including the following practical's;
 - a. Donning and doffing of filtered air respirators and Self Contained Breathing Apparatus.
 - b. Demonstrate a quantitative fit test
 - c. Selection, donning and doffing of PPE
7. Identify monitoring equipment. Explaining the different monitoring options and discussing the proper procedures and limitations of each.
8. Identify and implement Hazardous Materials Spill Control techniques.
9. Define and utilize Decontamination processes.
10. Run Termination Procedures.
11. Successfully perform a Practical evolution of Hazardous Response.

