

Hybrid Training for 40 Hour Hazwoper

Provided By :



Presenters

Rachel Brown, Ph.D.
University of Utah
Programs Manager
Hazardous Waste Worker &
Emergency Response Training
racheltbrown@hsc.utah.edu

John Guglielmo
P2R Consortium
Hazwoper Instructor
johnguglielmo@gmail.com



Hybrid 40 Hour - Brief Description

- Hybrid 40 Hour Hazwoper (OSHA 29 CFR 1910.120)
- **Developed in response to COVID - available since January 2021**
- Total course completion
 - **32 hours = online.**
 - **8 hours = hands -on/skills.**
- How your students complete the course:
 - **Access/complete** the 32 Hour Hazwoper course online: www.OnlineHazwoper.org,
 - **Pass off the 8 Hour skills** for their final 40 Hour Hazwoper certification (our skills schedule to register is [available online](#))

Hybrid Course Survey Data

Hybrid Course Survey Data:

- **More retention** than the traditional course,
- **Easy to follow,**
- **Reduced program load/cost** ,
- **More publically available** ,
- **Increased number of students** ,
- Hybrid is preferred over the traditional, and
- **More time efficient** .

Course is Available to Hazwoper Trainers

40 Hour Hazwoper Trainers: Any certified trainer can use the program (8 hour skills checklist is available).

40 Hour Hybrid skills checklist: <http://bit.ly/40HourHybridChecklist>

Questions?

racheltbrown@hsc.utah.edu

Website

www.OnlineHazwoper.org



Online- 32 Hour Hazwoper

- Slides include **voice over** and transcription,
- Saves progress,
- **Interactive** knowledge checks,
- **360 videos** ,
- End of unit quiz,
- Final exam,
- Can't skip forward (must remain engaged),
- Works via mobile, tablet, and desktop (Apple/Android),
- **Virtual reality simulations**, (available WebGL/desktop),
- **Live IT** and course questions.



Online Course (17 Units Total)

Course: 40 Hour Hazwoper Hybrid Training

Description:
Our comprehensive 40-hour HAZWOPER course is interactive (using 360 video and virtual reality practice scenarios) reviewing topics that relate to Hazardous Waste Operations and Emergency Response (HAZWOPER), including site characterization, hazardous chemicals, radiation hazards, personal protective equipment (PPE), and decontamination methods.

Who Needs HAZWOPER 40-Hour Training Online?
Our 40-hour HAZWOPER online training is ideal if you are exposed (or potentially exposed) to hazardous waste and substances at work. Particularly, the training is a must if you're an emergency responder or you clean, store, dispose, or treat hazardous materials. Please contact rachellbrown@hsc.utah.edu to schedule the 8-hour hands-on portion of the training.

Credit Hours:
0

Modules:

- Unit 1 - Overview & History - Storyline output **Passed**
- Unit 2 - Chemical & Physical Properties of Hazardous Materials - Storyline output **Completed**
- Unit 3 - Hazardous Material Identification - Storyline output **Passed**
- Unit 4 - Hazard Communication - Storyline output **Passed**
- Unit 5 - Fire Safety and Extinguisher Training - Storyline output **Passed**
- Unit 6 - Site Characterization - Storyline output **Passed**
- Unit 7 - Site Control - Storyline output **Passed**
- Unit 8 - ICS for Industry - Storyline output **Passed**
- Unit 9 - Protective Clothing & Equipment - Storyline output **Passed**
- Unit 10 - Respiratory Protection - Storyline output **Passed**
- Unit 11 - Decontamination - Storyline output **Passed**
- Unit 12 - Medical Surveillance - Storyline output **Passed**
- Unit 13 - Spill Response and Control - Storyline output **Passed**
- Unit 14 - Site Hazards & Worker Safety - Storyline output **Passed**
- Unit 15 - Radiation - Storyline output **Passed**
- Unit 16 - Confined Space Entry Awareness Training - Storyline output **Passed**
- Unit 17 - Final Test - Storyline output **Passed**

Print Certificate

Get any questions? I'm happy to help.



360 Video

360 Video Example
(Donning Level A):

<http://bit.ly/40HourHybrid360Video>
[o](#)

Included in all 8 Units:

<https://www.youtube.com/playlist?list=PL6LgnrQU4ie73DuHPeNz6vjY3jaTczlZA>



Virtual Reality/WebGL

VR/WebGL Example:

<http://bit.ly/360Simulation>

Example, look for hazards
and inspect SDS sheets



Training Challenges (During COVID)

Training challenges during COVID : How to conduct the hands on portion during times of a pandemic

40 Hour Skills During Times of a Pandemic Document:

<http://bit.ly/40HourHybridSkillDuringTimesofPandemic>



Online Courses Available :

- Hazwoper Awareness
- Hazardous Materials Handling & Injury Prevention
- 8 Hour Hazwoper Refresher
- 24 Hour Hazwoper Technician
- www.OnlineHazwoper.org
- Hybrid Community Emergency Response Training (CERT):
 - www.OnlineCERT.org (12 hours online/16 hours in person)
- Neighborhood Emergency Response Planning (NERP):
 - <http://bit.ly/OnlineNERP> (6 hours earthquakes, severe weather etc)

Questions?

racheltbrown@hsc.utah.edu

Website:

www.OnlineHazwoper.org

Questions?

Feedback ? <http://bit.ly/40HourHybridFeedback>

Email: rachelbrown@hsc.utah.edu

Website: www.OnlineHazwoper.org

