



RPVP: Concepts for Volunteers of the Connecticut Radiation Professional Volunteer Program

COURSE DESCRIPTION

This course is intended to provide volunteers of the Connecticut Radiation Professional Volunteer Program (CT-RPVP) with a description of the Program and its purpose, an understanding of radiation professional volunteers' roles during a deployment, and awareness-level knowledge of radiation and its biological effects, radiation safety, radiological and nuclear threats to communities, external decontamination, risks to radiation professional volunteers when monitoring potentially contaminated individuals, and roles of government agencies during a radiological or nuclear response.

TARGET AUDIENCE

The audience for the online training course is individuals who may be called on to assist with population monitoring after a radiological or nuclear incident.

- ▼ Volunteers who are active or retired health physicists
- ▼ Radiation safety technicians
- ▼ Nuclear medicine technicians
- ▼ Radiation oncology technicians
- ▼ Radiation safety officers
- ▼ Medical physicists and medical professionals
- ▼ Individuals who have experience with emergency response, such as firefighters, and law enforcement and emergency medical services personnel

MODALITY

- ▼ Online course

RPVP TOPICS INCLUDE:

- ▼ Describe the CT-RPVP and state its purpose
- ▼ Identify the radiation professional volunteers' roles when responding to a radiological or nuclear emergency
- ▼ Describe the types of radiation
- ▼ Identify the three basic methods for minimizing personnel external exposure
- ▼ Distinguish between radiation exposure and radioactive contamination
- ▼ State the risks of contamination and exposure to volunteers when screening contaminated individuals
- ▼ Describe the radiological and nuclear threats faced by the US
- ▼ Identify symptoms of acute radiation syndrome
- ▼ Distinguish between acute and chronic radiation exposure
- ▼ Understand the decontamination process for removing radioactive contamination from body surfaces
- ▼ State the range of psychological responses experienced by individuals impacted by radiological and nuclear disasters
- ▼ Define the roles of government agencies during a radiological or nuclear emergency

For more information, please contact us:

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