

National Nuclear Security Administration/CTOS-Center for Radiological/Nuclear Training (NNSA/CTOS)



The U.S. Department of Energy's National Nuclear Security Administration (NNSA) CTOS-Center for Radiological/Nuclear Training program located at the Nevada National Security Site (NNSS) is the nation's premier weapons of mass destruction (WMD) radiological/nuclear training center. Since 1998, CTOS has focused on training America's First Responders to prevent, mitigate, or respond to terrorist's use of radiological or nuclear weapons of mass destruction. Our mission is to develop and deliver the most realistic and highest quality training in support of Homeland Security using our extensive radiological expertise with the unique assets of the NNSS.

CTOS-Center for Rad/Nuc Training provides online courses as well as hands-on, performance-based training; conducted both at the NNSS and by Mobile Training Teams (MTT). This focused training prepares responders to take immediate, decisive action to prevent or respond to terrorist use of radiological/nuclear WMDs such as improvised nuclear devices (IND) and radiological dispersal devices (RDD). CTOS training facilities on the NNSS offer exclusive learning opportunities with several unique exercise training sites including one at ground zero of four previous nuclear detonations as well as an industrial complex previously used for nuclear ram jet research and testing.

CTOS develops and conducts training courses for the Federal Emergency Management Agency (FEMA), National Preparedness Directorate (NPD), National Training and Education Division (NTED) within the U.S. Department of Homeland Security (DHS). Its continuing role is to provide expertise and training to the state and local emergency response community.

CTOS curriculum draws from the expertise of scientists, researchers, and subject matter experts from the NNSA's Remote Sensing Laboratories and DOE's National Laboratories. With FEMA/NPD concurrence, CTOS coordinates the development and delivery of preventive radiological/nuclear detection and interdiction training with the Domestic Nuclear Detection Office (DNDO), the DHS entity charged with this responsibility.