REAC/TS teaches accredited continuing medical education courses in radiation emergency medicine that include lectures, discussions, hands-on activities and role-playing exercises as course participants learn about the different aspects of the medical management of a radiological/nuclear incident.

Courses are scheduled throughout the year at the unique REAC/TS facility in Oak Ridge, Tenn., or these courses can be customized and taught at locations worldwide, such as hospitals, nuclear facilities, first responder agencies and other sites.
Courses

Radiation Emergency Medicine
This 3.5-day course is intended for physicians, physician assistants, nurse practitioners, nurses and other healthcare providers. First responders, emergency management and public health professionals may also find the course beneficial. The course emphasizes the practical aspects of initial hospital management of irradiated and/or contaminated patients through lectures and hands-on practical exercises.

The course focuses on the fundamentals of radiobiology along with the medical care and management of patients involved with radiological and/or nuclear incidents. Topics include radiation physics; radiation detection/measurement/identification; early evaluation and treatment of the acute radiation syndrome (ARS), and cutaneous injuries, contamination control; and mitigating risks to patients, providers and facilities.

All of these principles are incorporated in a hands-on exercise using live patients with mock injuries and transferable radioactive contamination.

Scheduled training dates:
- February 4-7, 2020
- March 10-13, 2020
- April 21-24, 2020
- June 9-12, 2020
- August 11-14, 2020

Fee: $350

Credits: ORISE designates this live activity for a maximum of 24.5 ACCME AMA PRA Category 1 Credit(s). Physicians should only claim credit commensurate with the extent of their participation in the activity.

Accreditation
ORISE is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.
ORISE takes responsibility for the content, quality and scientific integrity of this ACCME activity. Respective courses also are accredited by the American College of Emergency Physicians and the American Academy of Health Physics.
Funding for REACTS courses is provided by the U.S. Department of Energy.
These courses are based on work performed under Contract No. DE-SC0014664 between the U.S. Department of Energy and Oak Ridge Associated Universities (ORAU).

Advanced Radiation Medicine
This 4.5-day course includes more advanced information for medical practitioners. This program is academically more rigorous than the Radiation Emergency Medicine course and is primarily for physicians, physician assistants, nurse practitioners and nurses desiring an advanced level of information on the diagnosis and management of ionizing radiation injuries and illnesses. It is an instructive course with some hands-on activities. Group problem-solving is used to emphasize the management of complex cases. Recent completion of the Radiation Emergency Medicine (REM) course is strongly recommended.

Scheduled training dates:
- April 27 - May 1, 2020
- August 17-21, 2020

Fee: $425

Credits: ORISE designates this live activity for a maximum of 30 ACCME AMA PRA Category 1 Credit(s). Physicians should only claim credit commensurate with the extent of their participation in the activity.

Health Physics in Radiation Emergencies
This 4.5-day course is designed primarily for health physicists, medical physicists, radiation safety officers and others who have radiation dose assessment and/or radiological control responsibilities. The course presents an advanced level of information on radiological/nuclear event reconstruction, dose assessments/estimations and integration of the physics discipline with medicine.

This opportunity allows for interaction with medical practitioners regarding recommendations for the diagnosis and treatment of radiological/nuclear injuries and illnesses. Specific topics include acute local and total body radiation exposure; internal and external contamination; internal and external dosimetry; biodosimetry and bioassay techniques; and public information management.

Demonstrations, exercises and problem-solving sessions complement classroom lectures. It is highly recommended that participants have an understanding of radiation science before attending this course.

Scheduled training dates (registration coming soon)
- March 16-20, 2020
- June 15-19, 2020

Fee: $425

Credits: The American Academy of Health Physics (AAHP) designates this live activity for a maximum of 36 credits.