

Outcome

To be aware of radiation responsibilities when working in an laboratory area with radionuclides/radioisotopes.

Audience

People working in a radiation laboratory on an irregular to regular basis or similar environment.

The responsibilities may include handling of various radioactive substances both sealed and unsealed sources, contamination, decontamination, storage of radioactive materials, radioactive waste and working with radiation instrumentation.

The industries from which people attend are varied from universities, hospitals, research institutions for medical and environmental studies.

Course Content

- Scientific Background
- Biological effects of radiation & ionizing radiation in environment
- Principles of radiation protection
- External and internal radiation protection
- Radiation Safety in Laboratories
- Safe practices for handling radioactive materials in the laboratory
- Legislation, resources, Australian Standards, & Codes of Practice and for laboratory workers
- Workshop: Radiation protection calculations
- Practical: Use of radiation survey equipment in a Contamination Survey
- Practical: Review methods of Decontamination
- Accident & Emergency planning and scenarios

Duration

1 day, 8:30am – 5:00pm

Cost

\$550 + GST



**For more information or a quote please contact
Radiation Safety Training:**

Radiation Safety Educator

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