



Health Physics Radiation Safety Training Registration Form

Last Name: _____ **First Name:** _____
Department: _____ **Supervisor:** _____
Building: _____ **Room:** _____
Email: _____ **Contact Phone:** _____

Brief Description of Work

(Location, Permit and Isotope, etc.): _____

Training Request:

The online training session(s) shall be completed prior to attendance at any in-person training session.

	Training Session	Description
<input type="checkbox"/>	Authorized Laboratory Radioisotope User	This training prepares individuals to work with radioactive materials in Radioisotope Laboratories. It is expected that individuals registering for this session have immediate plans to handle radioisotopes independently. Additional training is required for access to the High-Level Laboratory Facility or McMaster Innovation Park. <input type="checkbox"/> I require access to the High-Level Laboratory Facility (HLLF)
<input type="checkbox"/>	McMaster Nuclear Reactor Radiation Safety Training	Completion of this training prepares individuals for unescorted access to the McMaster Nuclear Reactor. Additional training is required to perform radiological work independently.
<input type="checkbox"/>	GammaCell User	GammaCell User Training prepares individuals to work with GammaCell Irradiators at McMaster University. Authorized Laboratory Radioisotope User training is also required.
<input type="checkbox"/>	Taylor Radiobiology Source User	Taylor Radiobiology Source User Training prepares individuals to work with the McMaster Taylor Radiobiology Source (TRS). Authorized Laboratory Radioisotope User training is also required.
<input type="checkbox"/>	X-Ray User	This session prepares individuals to work with x-ray machines at McMaster University.
<input type="checkbox"/>	Other	Please specify: <input type="checkbox"/> Cyclotron User <input type="checkbox"/> Accelerator User <input type="checkbox"/> Centre for Advanced Nuclear Systems (CANS) User <input type="checkbox"/> Small Angle Neutron Scattering (SANS) User

Supervisor/Sponsor Information:

Name: _____ **Contact Information (Email/Extension):** _____

I confirm that the individual listed will perform radiological work independently, require access to a nuclear facility (MNR, Irradiators, Accelerators, etc.) or X-Ray Facility as part of their work. I confirm they have completed the online training session and will arrange for further, job-specific, training to prepare them for specific job tasks as required.

 Signature Date

Please submit this form to Health Physics (hphys@mcmaster.ca) to register for additional Radiation Safety Training.

General Training Requirements:

The following training sessions are required before unescorted access to a facility can be granted.

Upon completion of these training sessions, an individual is eligible to perform radiological work **under supervision of a fully qualified individual.**

X-ray User Training:

- XR-101: Authorized X-Ray User Training (Avenue to Learn)

Authorized Laboratory User Training (including NRB, MUCF, MAL and MIP):

- HPT-001 Initial Radiation Safety Training (Avenue to Learn)
- HPT-202: Handling Radioactive Material at the Basic and Intermediate Level (Avenue to Learn)
 - If access to the HLLF is needed, then HPT-101: Orientation Tour for the High-Level Laboratory Facility (Avenue to Learn) is required.
 - If access to MIP is needed, then this is to be coordinated with Health Physics.

McMaster Nuclear Reactor Radiation Safety Training:

- HPT-001 Initial Radiation Safety Training (Avenue to Learn)
- MNR-101: Radiation Safety Training at MNR (Avenue to Learn)

Small Angle Neutron Scattering User Training:

- HPT-001 Initial Radiation Safety Training (Avenue to Learn)
- Completion of MNR-101: Radiation Safety Training at MNR (Avenue to Learn) **OR**
 HPT-202: Handling Radioactive Material at the Basic and Intermediate Level (Avenue to Learn)
- SANS-101: Radiation Safety Training for SANS Users (Avenue to Learn)

Gamma Cell User Training:

- *GC-101: GammaCell User Training (in-person/MS Teams)

Taylor Radiobiology Source Training:

- *TRS-101: Taylor Radiobiology Source User Training (in-person/MS Teams)

Centre for Advanced Nuclear Systems User Training:

- *CANS-101: CANS Facility Radiation Safety Training (Avenue to Learn)

**Authorized Laboratory Radioisotope User Training (HPT-001 and HPT-202) to be completed in advance.*

Prior to conducting independent radiological work, the following requirements must be met:

- Additional training needs to be assessed by Health Physics. Generally, these additional modules will include HPT-201: Radiation Detection and Instrumentation and a practical evaluation,
- Work observations,
- A qualification interview with the Senior Health Physicist and Facility Manager, as applicable.
- These additional requirements are available on an 'as-needed' basis. Register with Health Physics at extension 24226 or by email at hphys@mcmaster.ca to schedule a training session, work observation, or qualification interview.

It is the responsibility of the worker to ensure that all training requirements have been completed, prior to conducting unsupervised radiological work.