MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

RADIATION SAFETY - SAFELY WORKING WITH RADIOACTIVE MATERIALS TRAINING

“Protecting People and the Environment Through Safe Radiation Practices”

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

Introduction

This course provides comprehensive knowledge and practical guidance for individuals who work with or around radioactive materials. Participants will learn the fundamentals of radiation physics, health effects, exposure control, and regulatory compliance. The training ensures that workers understand how to handle radioactive sources safely while minimizing personal and environmental risks.

Objectives

- Understand the basic principles of radiation and radioactivity.
- Identify sources and types of ionizing radiation in the workplace.
- Learn safe handling, storage, and disposal procedures for radioactive materials.
- Implement radiation protection measures and monitoring techniques.
- Comply with local and international radiation safety regulations.

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Why Attend

This course is essential for professionals in laboratories, medical, industrial, and research settings who are exposed to radioactive materials and need to ensure their safety and compliance with radiation protection standards.

Target Audience

Radiation workers, laboratory technicians, medical physicists, nuclear engineers, safety officers, and anyone responsible for radiation protection and compliance.

Individual Benefits

- Gain essential knowledge to work safely with radioactive materials.
- Enhance understanding of radiation risks and protective measures.
- Strengthen professional competence in radiation safety management.

Organizational Benefits

- Ensure compliance with radiation safety and environmental regulations.
- Reduce the risk of radiation exposure and workplace incidents.
- Promote a culture of safety, accountability, and regulatory compliance.

Instructional Methodology

Lectures, interactive discussions, case studies, practical demonstrations, and radiation monitoring exercises.

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Course Outline

Module 1: Introduction to Radiation and Radioactive Materials

Module 2: Biological Effects of Ionizing Radiation

Module 3: Principles of Radiation Detection and Measurement

Module 4: Radiation Exposure Limits and Control Measures

Module 5: Safe Handling and Storage of Radioactive Materials

Module 6: Waste Management and Decontamination Procedures

Module 7: Emergency Response and Incident Management

Module 8: Regulatory Framework and Compliance Requirements

Certification

Participants who successfully complete the course will receive a Certificate of Completion in Radiation Safety – Safely Working with Radioactive Materials, recognizing their competence in maintaining safety and compliance when handling radioactive substances.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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