Course Title	**Radiation Safety Course - Medical Use of Radioisotopes (RSC-MR)**
Duration	10 days (80 hours); 8:00 – 5:00 pm
Target Participant	For individuals involved or will be involved in the use of radioisotopes in the medical field, e.g., nuclear medicine, teletherapy, brachytherapy, blood/ tissue irradiators, e.g., nuclear physicians, biological scientists, medical and radiological technologists, and nuclear pharmacists. At least ten (10) participants are required to push through with the course. A maximum of thirty (30) participants will be accepted.
Pre-requisite	A medical or bachelor's degree in nursing, biological sciences, physical sciences, or equivalent courses. Successful completion of Radioisotopes Techniques Training Course (Medical) or Course on Medical Use of Radioisotopes (CMR) or equivalent course.
Goal	To enable participants to acquire a sufficient level of understanding/ skills in the following areas: (1) basic radiation and radioactivity concepts; (2) fundamentals of radiation safety and security; (3) regulatory requirements; and (4) development and implementation of a radiation protection and safety program applicable to their practice.
Objectives	At the end of this course, participants are expected to: 1. Identify the nature and severity of ionizing radiation hazards. 2. Explain and apply the principles of radiation protection. 3. Measure radiation dose rate and detect and measure contamination using appropriate instruments. 4. Perform dose/safety assessment. 5. Acquire a sufficient understanding of the applicable parts of CPR and apply them in activities involving radioactive materials. 6. Develop a radiation safety program appropriate for their practice. 7. Institute appropriate initial emergency control measures in an incident involving radioactive material. 8. Prepare a suitably detailed report to management on issues related to radiation protection and include recommendations for actions to achieve appropriate levels of safety.
Nature and Scope	This course consists of lectures, exercises, a workshop, and examinations. The Nuclear Training Center (NTC) staff, PNRI lecturers, and guest lecturers will conduct the course. The participant's understanding of the subject matter presented will be assessed through the following: 1.A pre-and post-test to be given before and after the lectures (55%) 2.Development and presentation of a radiation protection and safety program (30%) 3.Practical exercises (10%) 4.Attendance (5%) A certificate of satisfactory completion will be issued to each participant who demonstrates satisfactory knowledge and skills of the subject matter presented.

Requirements	(1) NTC Online Application; (2) Recommendation Letter to attend the course from Supervisor; (3) 1x1 ID picture; (4) Training Fee of Php 10,000.00
Reference Materials	Turner James E. Atoms" Radiation and" Radiation Protection "3rd ed." Wiley-VCH Weinheim (2007). " Code of PNRI Regulations Part 12: Licenses for Medical Use of Radioactive Sources in Teletherapy Code of PNRI Regulations Part **13**: Licenses for Medical Use of Radiopharmaceuticals ***Applicable Parts of:*** Code of Conduct on the Safety and Security of Radioactive Sources, IAEA, VIENNA, 2004 Categorization of Radioactive Sources, IAEA Safety Guide RS-G-1.9 Radiological Protection for Medical Exposure to ionizing radiation, IAEA Safety Guide RS-G-1.5 Code of PNRI Regulations Part **02**: Licensing of Radioactive Material Code of PNRI Regulations Part **03**: Standards for Protection Against Radiation Code of PNRI Regulations Part **04**: Regulations for The Safe Transport of Radioactive Material in The Philippines Code of PNRI Regulations Part **14**: Licenses for Medical Use of Radioactive Sources in Brachytherapy Code of PNRI Regulations Part **26**: Security of Radioactive Sources Code of PNRI Regulations Part **27**: Security Requirements in the Transport of Radioactive Material

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TO APPLY FOR A COURSE, VISIT:
https://services.pnri.dost.gov.ph/portal