

32nd Annual

Radiation Protection Training Course

Providing a basic underpinning
knowledge for Radiation Protection
Advisers

IPEM
Approved

CPD course approved by IPEM

Monday 28th April – Friday 2nd May 2025

Sutton Campus

For information on registration please contact the RPTC Secretariat Jessica.keegan@icr.ac.uk or call 020 8661 3075
For further information on course content email the Course Organiser lain.murray@rmh.nhs.uk or call 020 8661 3717

Course Content

This course provides the theoretical background and training necessary for the radiological protection requirements of both ionising and non-ionising radiations used in hospitals. Although derived from an international framework the course content centres on UK Legislation.

The main 4-day module (Monday until Thursday) covers the following subject areas: radiation risks, dosimetry, biological effects, instrumentation, legislation, transport, emergencies and safe practice in the medical uses of ionising radiations. The additional (optional) 1-day module on Friday covers non-ionising radiation protection. As well as lectures there will be small informal workshop sessions covering a range of practical issues.

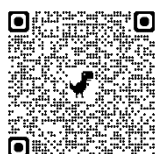
The course is at a level suitable for hospital physicists working in the field of radiation protection or those who want to expand their knowledge in this field. It is particularly suitable for those wishing to become Radiation Protection Advisers and covers the Basic Underpinning Knowledge (Basic Syllabus) as set out in Annex 3 of the HSE statement on Radiation Protection Advisers. Those wishing to use the course towards RPA certification can sit an optional marked short exam.

Overview (Provisional)

Day 1	Day 2	Day 3	Day 4	Day 5
Review & effects of radiation	Statutory requirements	Radiation Protection in Hospitals	External Influences and Emergencies	Non-Ionising Radiation Protection (optional)
Interaction and Units Instrumentation Sources of Exposure Risk and Effects Other Legislation Radiation Protection Framework	IRR17 IR(ME)R17 Other Legislation & Guidance	Diagnostic Radiology External Beam Radiotherapy Brachytherapy Nuclear Medicine & PET	Radiation Incidents & Emergencies Giving Sound RPA Advice RPA Certification Guest Lecture Optional Assessment	Safety Issues in MRI Ultrasound Ultra-Violet Medical Lasers Microwave & RF Lasers

Day 1-4 - Workshops - RPA Role Play; Risk Assessments; RPA Auditing; RPA Case Studies

Full course details and information about other Radiotherapy, Radioactive Waste and Imaging courses are available on our website: <https://www.icr.ac.uk/studying-and-training/opportunities-for-clinicians/radiotherapy-and-imaging-training-courses/radiation-protection-training-course>



Course Date: Monday 28 April – Friday 2 May 2025

Venue: The course will be given at: Brookes Lawley Building, The Institute of Cancer Research, 15 Cotswold Road, SUTTON, SM2 5NG.

Cost: The cost includes lunches and light refreshments (if you have any dietary requirements, please give details in the space provided at the bottom of the registration form). A course meal is also included on the first evening of the course. Course materials, PowerPoint presentations and a certificate of attendance are provided.

Course Options	Payment details	
	Received by 28 February 2025	Received after 28 February 2025
Full Course (Including day 5: Non-Ionising Radiation Protection)	£750	£865
4 Day Course (Excluding day 5: Non-Ionising Radiation Protection)	£630	£750

Registration

Please complete all the boxes on the form in capitals. **The details you provide on this form will be used for all correspondence and will be used on your certificate.**

Please email this completed form to the course administrator: jessica.keegan@icr.ac.uk

If you are applying after 28 February 2025, please check availability of places before sending this form and payment as spaces are allocated on a first come basis and are limited to ensure a friendly open forum for debate and to allow the workshops to run smoothly.

Closing date for registrations: Friday 11 April 2025

Surname	Forename(s)	
Job Title	Department	
Organisation		
Email Address		
Telephone No.		
5 Day Module	4 Day Module	
I will be paying the £..... fee by Invoice	Online Payment	BACS
Invoice: Please include a purchase order to The Institute of Cancer Research, 123 Brompton Road, London, SW7 3RP. PO Number: PLEASE CONFIRM THE CORRECT INVOICING ADDRESS AND EMAIL ADDRESS FOR INVOICE TO BE SENT		
Bank Transfer or Online Payment – Please contact jessica.keegan@icr.ac.uk for details.		
Please send me accommodation details	Y	N
Do you have any dietary requirements? If yes, please specify:.....	Y	N
Do you require any special assistance? If yes, please specify:.....	Y	N
Please confirm that you are happy for your name, email address and organisation to be passed onto the course lecturers and other delegates attending the RPTC by way of an attendee list.	Y	N

For further information on registration, email the RPTC Secretariat jessica.keegan@icr.ac.uk or call 020 8661 3075. For further information on course content, email the course organiser Iain Murray iain.murray@icr.ac.uk or call 020 8661 3717.

We use personal information for the purposes of course administration – which includes management of your course registration, processing your payment, communication of course joining information, certificates, post course materials and feedback questionnaire. We also use your contact information to keep you informed of other courses we offer which may be of interest to you. For further information on how we use your personal information, please check our privacy policy at www.icr.ac.uk/legal/privacy or contact dataprotectionofficer@icr.ac.uk