Day 1: Review and effects of radiation

* Radiation protection framework
* Interactions and units
* Instrumentation
* Sources of exposure
* Risks and effects
* RP Culture & Ethics

Day 2: Statutory requirements

* IRR17
* IR(ME)R17
* Transport Regulations
* Other legislation and guidance

Day 3: Radiation protection in hospitals

* Diagnostic radiology
* External beam radiotherapy
* Brachytherapy
* Nuclear medicine
* PET & Cyclotrons

Day 4: The role of the RPA & Emergencies

* Radiation Incidents and Emergencies
* Giving Sound RPA Advice
* RPA certification
* Guest lecture
* Optional Assessment

Day 5: Non-Ionising radiation protection (optional)

* Safety issues in MRI
* Ultrasound
* Ultra-violet
* Medical lasers
* Microwave and RF lasers

Days 1–4 Workshops

* RPA Role play
* Risk assessments
* RPA Auditing
* RPA Case Studies

(The organisers may need to alter the final programme to fulfil practical commitments.)