

Optional modules

**8. NORM** 30h

NORM activities - Dose of workers - Dose of population - Protective measure - corrective actions

**ALARA**

Additional module could be organized with European ALARA Network - EAN

**Dosimetry**

Additional module could be organized with European Radiation Dosimetry Group - EURADOS

**Additional Module**

Accidental situations - RP simulation codes and tools - Emergency Response - Communication - Train the trainers... or during refresher courses

Add-on modules

**4. NPP Research** 30h

Reactor types - Fusion - Fuel Cycle - Dose Monitoring - Regulatory control - Safety Culture - Accidental situations - Criticality

**5. Waste, Dec.** 30h

Waste Management - Decommissioning - Ventilation and filtration - Transport

**6. Non nuclear** 30h

Irradiators / generators - Accelerators / Gauges - Industrial Radiography - Unsealed sources - Accidental situations

**7. Medical** 30h

Equipment - Occupational Radiation Protection - Classification of areas - Accidental situations

Common Basis @

**1. Basics** 35h

Radioactivity - Interactions - Quantities and Units - Basic biology & Bio. Effects - Physical principles of detection - Applications of Ionis. Radiation (overview)

**2. Foundation** 50h

RP and External Dosi.- Prot. against external - Prot. against internal - Dose monitoring - Regulatory Framework - Natural sources - Public / Environmental - Ethical considerations

**3. Occupational** 30h

Transport - Design issues - Accident & Emergency issue - Safety Culture - ALARA - Decommissioning Principles - Waste Management principles

▲ OJT

@ b-learning possibility