

Design and Shielding Calculation -- Medical Radiological Facilities

Sample Agenda

Monday, Day 1 Start Time: 9:00 am	Official Opening Course Overview Welcome and Introductions, Review of Agenda, Housekeeping Rules Introduction to Design and Shielding of Medical Facilities Radiation Physics Concepts BREAK Radiation Physics Concepts (Continued)
12:00 – 12:45	LUNCH
Start time: 12:45 pm End Time: 4:30 pm	Radiation Protection Principles BREAK Design & Shielding Calculation in Dental X-Ray Design & Shielding Calculation in Mammography Summary of Day 1

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Tuesday, Day 2 Start Time: 9:00 am	Brief Review Day 1 Design & Shielding Calculation in Conventional X-Rays BREAK Design & Shielding Calculation in Conventional X-Rays
12:00 – 12:45	LUNCH
Start time: 12:45 pm End Time: 4:30 pm	Design & Shielding Calculation in Interventional X-Rays BREAK Design & Shielding Calculation in Interventional X-Rays Summary of Day 2

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Sample Agenda

Wednesday, Day 3 Start Time: 9:00 am	Brief Review Day 2 Design & Shielding Calculation in Computed Tomography BREAK Design & Shielding Calculation in Computed Tomography
12:00 – 12:45	LUNCH
Start time: 12:45 pm End Time: 4:30 pm	Design & Shielding Calculation in Teletherapy, Linear Accelerator and Brachytherapy BREAK Design & Shielding Calculation in Teletherapy, Linear Accelerator and Brachytherapy Summary of Day 3

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Thursday, Day 4 Start Time: 9:00 am	<p>Brief Review Day 3</p> <p>Design & Shielding Calculation in Teletherapy, Linear Accelerator and Brachytherapy</p> <p>BREAK</p> <p>Design & Shielding Calculation in Teletherapy, Linear Accelerator and Brachytherapy</p>
12:00 – 12:45	LUNCH
Start time: 12:45 pm End Time: 4:30 pm	<p>Design & Shielding Calculation in Teletherapy, Linear Accelerator and Brachytherapy</p> <p>BREAK</p> <p>Design & Shielding Calculation in Teletherapy, Linear Accelerator and Brachytherapy</p> <p>Summary Of Day 4</p>

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Sample Agenda

Friday, Day 5 Start Time: 9:00 am	Brief Review Day 4 Design & Shielding Calculation in Nuclear Medicine and PET-CT BREAK Design & Shielding Calculation in Nuclear Medicine and PET-CT
12:00 – 12:45	LUNCH
Start time: 12:45 pm End Time: 4:30 pm	Review of Computer Tools Review of International Standards and References BREAK Overall Course Wrap-up, Final Q/As and Course Evaluation Award Course Certificates and Closing remarks

The Workshop Instructors will provide Breaks throughout the day at a suitable stopping point in their instructions. A 45-minute lunch break will be provided at approximately 12:00 PM (noon).