

Design and Shielding Calculation -- Industrial Radiological Facilities

Sample Agenda

<p>Monday, Day 1</p> <p>Start Time: 9:00 am</p>	<p>Official Opening</p> <p>Course Overview Welcome and Introductions, Review of Agenda, Housekeeping Rules</p> <p>Introduction to Design and Shielding of Industrial Radiological Facilities</p> <p>Industrial Applications of Ionizing Radiation</p> <p>BREAK</p> <p>Radiation Physics Concepts</p>
<p>12:00 – 12:45</p>	<p>LUNCH</p>
<p>Start time: 12:45 pm</p> <p>End Time: 4:30 pm</p>	<p>Radiation Protection Principles</p> <p>BREAK</p> <p>Mathematical Techniques</p> <p>Summary of Day 1</p>

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Tuesday, Day 2 Start Time: 9:00 am	<p>Brief Review Day 1</p> <p>Shielded Facility Design and Calculations, Industrial Radiography, Radioactive Source and X-Ray</p> <p>BREAK</p> <p>Shielded Facility Design and Calculations, Industrial Radiography, Radioactive Source and X-Ray</p>
12:00 – 12:45	LUNCH
Start time: 12:45 pm End Time: 4:30 pm	<p>Shielded Facility Design and Calculations, Industrial Radiography, Radioactive Source and X-Ray</p> <p>BREAK</p> <p>Shielded Facility Design and Calculations, Industrial Radiography, Radioactive Source and X-Ray</p> <p>Summary of Day 2</p>

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<p>Wednesday, Day 3</p> <p>Start Time: 9:00 am</p>	<p>Brief Review Day 2</p> <p>Shielded Facility Design and Calculations, Industrial Radiography, Radioactive Source and X-Ray</p> <p>BREAK</p> <p>Shielded Facility Design and Calculations, Industrial Radiography, Radioactive Source and X-Ray</p>
<p>12:00 – 12:45</p>	<p>LUNCH</p>
<p>Start time: 12:45 pm</p> <p>End Time: 4:30 pm</p>	<p>Shielded Facility Design and Calculations, Industrial Radiography, Radioactive Source and X-Ray</p> <p>BREAK</p> <p>Shielded Facility Design and Calculations, Industrial Radiography, Radioactive Source and X-Ray</p> <p>Summary of Day 3</p>

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Friday, Day 5 Start Time: 9:00 am	<p>Brief Review Day 4</p> <p>Dose Estimation in Industrial Applications, Operation, Accidents and Events</p> <p>BREAK</p> <p>Dose Estimation in Industrial Applications, Operation, Accidents and Events</p>
12:00 – 12:45	LUNCH
Start time: 12:45 pm End Time: 4:30 pm	<p>Review of Computer Tools</p> <p>Review of International Standards and References</p> <p>BREAK</p> <p><i>One Line Subject</i></p> <p>Overall Course Wrap-up, Final Q/As and Course Evaluation</p> <p>Award Course Certificates and Closing remarks</p>

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).