



*Successful Device Approvals*

**ONLINE RADIATION SAFETY OFFICER  
TRAINING COURSE SYLLABUS**

Topics that we cover during the 40 hour training course include:

- Radioactivity
- Inverse Square Law, ALARA, Time, Distance, Shielding
- History of Use of Radiation
- Your Job as a Radiation Safety Officer
- Biological Effects of Radiation
- Emergency Planning
- Radiation Dose, Occupational Limits
- Internal and external dose calculations
- Products Containing Radioactive Sources
- Shielding Requirements
- Radiation Survey Instruments
- NRC Regulations
- Radiation Emitting Devices
- Sealed Source and Device Registrations
- Radiation Emitting Devices
- US FDA CDRH and OSHA regulations
- Accelerators and Irradiators
- Licensing
- Increased Controls
- Financial Assurance
- Risk Communication
- Safety Culture
- Emergency Planning
- Decommissioning
- EPA Regulations
- Radioactive Waste

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