INTERNAL DOSIMETRY

IN-PERSON | SEABROOK, NEW HAMPSHIRE

RSCS TRAINING

BUILT ON EXPERIENCE. FOCUSED ON YOUR FUTURE

COURSE DESCRIPTION

Internal dosimetry is a critical skill for radiation safety professionals and health physicists. This advanced area of health physics focuses on assessing the radiation dose received when radioactive materials enter the body.

KEY LEARNING OBJECTIVES

- History of ICRP Internal Dose Assessment and Limits
- NRC Internal Dosimetry Regulations, Standards, and Guidance
- ICRP30/60/66 Basic Concepts and Compartmental Biokinetics Model
- ICRP 30 Respiratory Tract, GI Tract, and Dosimetry Model
- Application of NURG/CR-4884 to Intake Determination
- Application of Federal Guidance Report (FGR) 11 to Intake Dose Conversion Factor
- ICRP-66 Respiratory Tract Mode
- Wound Models for Internal Dosimetry
- Air Sampling to Support Internal Dose Determinations
- EPRI Alpha Hazard Guidelines
- Bioassay to Assess Internal Dose
- Fetal/Embryo Exposure
- Radioactivity Intake Measurement Statistics and Assessment
- Review and Dose Calculation Examples Using the IMBA computer program

IN-PERSON SCHEDULE $2,495

- October 13-16, 2025
- June 15-18, 2026
- October 5-8, 2026

LOCATION

Seabrook, NH is located 50 minutes north of Boston

LEARN FROM TOP PROFESSIONALS

Our instructors bring decades of hands-on experience in internal dosimetry, including work at nuclear power plants, decommissioning sites, and regulatory advisory roles. They've led complex dose assessments, contributed to national standards, and trained professionals across the industry. Their deep technical knowledge and real-world insight make them uniquely qualified to deliver advanced, practical training.

REGISTER TODAY

radsafety.com/training