



# RADIATION TECHNICIAN

## 20-Hour Course

### 2026 Syllabus



*On the Side of Science*

#### Day 1

- ✓ Radiation Awareness
- ✓ Role of a Radiation Technician
- ✓ Fundamentals of Ionizing Radiation
- ✓ Basic Health Physics: BEIR
- ✓ Internal and External Dosimetry
- ✓ Radiation Measuring Devices – Principles of Operation
- ✓ Fields of Practice: Industry, Laboratory, Medical, and Environmental
- ✓ Common Issues and Observations

#### Day 2

- ✓ Conducting Radiation Surveys
- ✓ Recording Measurements
- ✓ Validation and Repeatability
- ✓ Troubleshooting Techniques
- ✓ Legal Implications for Radiation Surveys and Radiation Technicians
- ✓ Dosimetry Devices
- ✓ Instruments Lab
- ✓ Exam
- ✓ Certification