**ABOUT THIS BOOK**

Radiation Safety (NDT 130) is the first in a series of Industrial Radiographic Testing classes taught at Linn Benton Community College (LBCC) in Albany, Oregon. 40 hours of Radiation Safety training is required of any individual working with x-ray and Gamma radiation sources in industrial radiographic testing, including industrial radiographic inspection students. NDT 130 is part of LBCC’s two-year Associate of Applied Science program in Non-Destructive Testing (NDT). The purpose of this OER is to provide students with a comprehensive textbook aligned with the NDT 130 course as taught at LBCC. NDT 130 is taught in accordance with ASNT, SNT TC-1A recommended practice and topical outline following ANSI/ASNT CP-105 2016 guidelines (page 63) for Basic Radiographic Physics Course and Appendix A (pages 113-114) for Radiation Safety topical outline.

The OER is organized so each unit represents approximately a week in our term and includes printable Word documents at the end of each Unit section. Included at the conclusion of each section is a Spanish translation in a printable Word File.