# HLT 150 - INTRODUCTION TO RADIOLOGIC TECHNOLOGY

## Course Overview

This beginning level course provides an introduction to the organization and operation of agencies providing health care and Radiologic services. Medical terminology and radiologic topics including elementary radiation protection, professional ethics, darkroom techniques, common contrast media, and photographic principles of radiographic exposure, film and intensifying screens are presented. The student will also perform core clinical competencies in patient care.

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<th>Course</th>
<th>Course Learning Objective</th>
<th>Learner-content Interaction (media/activities)</th>
<th>Learner-Learner Interaction Activities</th>
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| HLT 150 | • Orientation Sessions & General Introduction to Radiologic Technology  
• Introduction to Radiologic Technology Terminology/Healthcare Team  
• Basic Radiation Protection  
• Credentialing, Accreditation and Professional Organizations  
• Introduction to Medical Terminology  
• Introduction to Image Quality Factors  
• The X-Ray Imaging System  
• Radiographic and Fluoroscopic  
• Digital Imaging  
• Computed Radiography  
• Digital radiography  
• The Digital Image  
• Patient Interaction, History Taking and Human Diversity  
Radiologic Science for Technologists, 10th edition. | • Content Quizzes  
• Diversity project | Written Exams |
- Vital Signs
- Professional Ethics
- Medical Law