RADT1274 - Radiation Safety and Equipment Bridge

Credits:	2 (2/0/0)
Description:	This course is designed to establish a knowledge base in fluoroscopic, mobile and tomographic equipment (including computed tomography) requirements and design. Radiation safety procedures unique to these specialized equipment types will also be covered.
Prerequisites:	• Graduation from the M State LSR program
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Identify the components of digital and conventional fluoroscopic units. 2. Identify various types of imaging units and their usage. 3. Explain the purpose, principles and applications of linear tomography. 4. Determine the functions of the components of automatic exposure control (AEC) devices. 5. Discuss mobile units in terms of purpose, components, types and applications. 6. Identify the components and functions of linear and computed tomography equipment. 7. Discuss radiation safety practices required for fluoroscopy, mobile radiography, linear tomography and computed tomography.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*