

## 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:	<ul style="list-style-type: none"> <li>• Graduation from the M State LSR program</li> </ul>
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"> <li>1. Identify the components of digital and conventional fluoroscopic units.</li> <li>2. Identify various types of imaging units and their usage.</li> <li>3. Explain the purpose, principles and applications of linear tomography.</li> <li>4. Determine the functions of the components of automatic exposure control (AEC) devices.</li> <li>5. Discuss mobile units in terms of purpose, components, types and applications.</li> <li>6. Identify the components and functions of linear and computed tomography equipment.</li> <li>7. Discuss radiation safety practices required for fluoroscopy, mobile radiography, linear tomography and computed tomography.</li> </ol>
MnTC goal areas:	None

\*Can be taking as a Prerequisite or Corequisite.