

## LSR1290 - Radiographic Clinical II

Credits:	5 (0/0/5)
Description:	<p>This course provides students with opportunities to get hands-on experience in a variety of clinical settings. Students work under the direct supervision of a registered radiologic technologist and practice radiographic positioning and equipment manipulation to achieve diagnostic-quality images. The focus of this clinical experience is to obtain and pursue competence in radiographic exams of the pelvis, abdomen, skull, paranasal sinuses and facial bones.</p>
Prerequisites:	<ul style="list-style-type: none"><li>• LSR1280</li></ul>
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"><li>1. Demonstrate competence in imaging procedures by meeting the requirements for limited scope radiographers as outlined by the American Registry of Radiologic Technologists (ARRT).</li><li>2. Use professional communication with instructors, peers and members of the healthcare team.</li><li>3. Execute medical imaging procedures under the appropriate level of supervision.</li><li>4. Adapt to changes and varying clinical situations.</li><li>5. Provide patient-centered, clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity or culture.</li><li>6. Demonstrate competent patient assessment skills.</li><li>7. Respond appropriately to medical emergencies.</li><li>8. Adapt procedures to meet age-specific, disease-specific and cultural needs of patients.</li><li>9. Assess the patient and record clinical history.</li><li>10. Apply standard and transmission-based precautions.</li><li>11. Demonstrate competency in the principles of radiation protection standards.</li><li>12. Demonstrate safe, ethical and legal practices.</li><li>13. Examine procedure orders and make inquiries when they seem to lack accuracy.</li><li>14. Maintain patient confidentiality standards and meet Health Insurance Portability and Accountability Act (HIPAA) requirements.</li><li>15. Demonstrate the principles of transferring, positioning and immobilizing patients.</li><li>16. Adhere to national, institutional and departmental standards, policies and procedures regarding care of patients, providing radiologic procedures and reducing medical errors.</li><li>17. Select technical factors to produce quality diagnostic images with the lowest possible radiation exposure.</li><li>18. Critique images for appropriate anatomy, image quality and patient identification, and determine corrective measures to improve suboptimal images.</li><li>19. Exercise the priorities required in daily clinical practice.</li><li>20. Demonstrate the ability to think critically and use independent judgment when presented with challenges.</li><li>21. Work with increasing independence while still adhering to supervision requirements.</li></ol>

MnTC goal areas:	None
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*\*Can be taking as a Prerequisite or Corequisite.*