LSR1280 - Radiographic Clinical I

Credits:	4 (0/0/4)
Description:	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 primary purpose of this clinical experience is to obtain and pursue competence in radiographic exams of the chest, spine, upper extremity, shoulder girdle and lower extremity (including podiatric exams).
Prerequisites:	• LSR1270
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Demonstrate competence in imaging procedures by meeting the requirements for Limited Scope Radiographers as outlined by the American Registry of Radiologic Technologists (ARRT). 2. Use professional communication with instructors, peers and members of the healthcare team. 3. Execute medical imaging procedures under the appropriate level of supervision. 4. Adapt to changes and varying clinical situations. 5. Provide patient-centered, clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity or culture. 6. Demonstrate competent patient assessment skills. 7. Respond appropriately to medical emergencies. 8. Adapt procedures to meet age-specific, disease-specific and cultural needs of patients. 9. Assess the patient and record clinical history. 10. Apply standard and transmission-based precautions. 11. Demonstrate competency in the principles of radiation protection standards. 12. Demonstrate safe, ethical and legal practices. 13. Examine procedure orders and make inquiries when they seem to lack accuracy. 14. Maintain patient confidentiality standards and meet Health Insurance Portability and Accountability Act (HIPAA) requirements. 15. Demonstrate the principles of transferring, positioning and immobilizing patients. 16. Adhere to national, institutional and departmental standards, policies and procedures regarding care of patients, providing radiologic procedures and reducing medical errors. 17. Select technical factors to produce quality diagnostic images with the lowest possible radiation exposure. 18. Critique images for appropriate anatomy, image quality and patient identification, and determine corrective measures to improve suboptimal images.
MnTC goal areas:	None

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Can be taking as a Prerequisite or Corequisite.

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