

## RADT2130 - Radiographic Clinical VI

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| Credits:           | 5 (0/0/5)   |
| Description:       | This clinical course emphasizes the development of independence, discretion and judgment while performing basic radiographic procedures. It provides the student with the opportunity to function as a nearly registry-eligible radiographer. The student is expected to correlate all clinical and didactic experiences while demonstrating a high degree of proficiency and efficiency. |
| Prerequisites:     | <ul style="list-style-type: none"><li>• RADT2101</li><li>• RADT2110</li><li>• RADT2224</li></ul>  |
| Corequisites:      | <ul style="list-style-type: none"><li>• RADT2120</li><li>• RADT2280</li></ul>   |
| Pre/Corequisites*: |   |

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| <p>Competencies:</p>    | <ol style="list-style-type: none"> <li>1. Demonstrate competency in imaging procedures by meeting American Registry of Radiologic Technologists (ARRT) requirements.</li> <li>2. Use professional communication with instructors, peers and members of the health care team.</li> <li>3. Exercise the priorities required in daily clinical practice.</li> <li>4. Execute medical imaging procedures under the appropriate level of supervision.</li> <li>5. Adhere to team practice concepts that focus on organizational theories, roles of team members and conflict resolution.</li> <li>6. Adapt to changes and varying clinical situations.</li> <li>7. Provide patient-centered clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity or culture.</li> <li>8. Integrate the use of appropriate and effective written, oral and nonverbal communication with patients, the public and members of the health care team in clinical settings.</li> <li>9. Recognize the influence of professional values on patient care.</li> <li>10. Use patient and family education strategies appropriate to the comprehension level of the patient and family.</li> <li>11. Demonstrate competent assessment skills through effective management of the patient's physical and mental status.</li> <li>12. Respond appropriately to medical emergencies.</li> <li>13. Adapt procedures to meet age-specific, disease-specific and cultural needs of patients.</li> <li>14. Assess the patient and record clinical history.</li> <li>15. Apply standard and transmission-based precautions.</li> <li>16. Apply the appropriate medical asepsis and sterile techniques.</li> <li>17. Demonstrate competency in the principles of radiation protection standards.</li> <li>18. Apply the principles of total quality management.</li> <li>19. Examine procedure orders for accuracy and make corrective actions when applicable.</li> <li>20. Demonstrate safe, ethical and legal practices.</li> <li>21. Integrate the radiographer's practice standards into the clinical practice setting.</li> <li>22. Maintain patient confidentiality standards and meet Health Insurance Portability and Accountability Act (HIPAA) requirements.</li> <li>23. Demonstrate the principles of transferring, positioning and immobilizing patients.</li> <li>24. Adhere to national, institutional and departmental standards, policies and procedures regarding care of patients, providing radiologic procedures and reducing medical errors.</li> <li>25. Select technical factors to produce quality diagnostic images with the lowest radiation exposure possible.</li> <li>26. Critique images for appropriate anatomy, image quality and patient identification.</li> <li>27. Determine corrective measures to improve inadequate images.</li> </ol> |
| <p>MnTC goal areas:</p> | <p>None</p>  |

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