Course Title:
Clinical Radiography III

Catalog Description:
Apply and analyze previously learned concepts and theories in radiologic procedures. Focus will be on performance of competency based radiologic procedures, patient care, and demonstration of professionalism during day to day activities within the radiology department. Clinical practice will be designed to allow student to evaluate and perform diagnostic exams on live patients with follow up critique of images. An emphasis on manipulation of radiologic equipment and accessories will also be evaluated.

Prerequisites or Necessary Entry Skills/Knowledge:
Intro to Radiography & Patient Care
Radiographic Procedures I
Clinical Radiography I
Clinical Radiography II

FULFILLS MN TRANSFER CURRICULUM AREA(S) *(Leave blank if not applicable)*
Goal 1: Communication: ____ by meeting the following competencies:

Goal 2: Critical Thinking: ____ by meeting the following competencies:

Goal 3: Natural Sciences: ____ by meeting the following competencies:

Goal 4: Mathematics/Logical Reasoning: ____ by meeting the following competencies:

Goal 5: History and the Social and Behavioral Sciences: ____ by meeting the following competencies:

Goal 6: The Humanities and Fine Arts: ____ by meeting the following competencies:

Goal 7: Human Diversity: ____ by meeting the following competencies:

Goal 8: Global Perspective: ____ by meeting the following competencies:

Goal 9: Ethical and Civic Responsibility: ____ by meeting the following competencies:

Goal 10: People and the Environment: ____ by meeting the following competencies:

Topics to be Covered (General)
ACADEMIC CONTENT: The academic objectives of this course are:

a. Demonstrate positioning skills of radiographic procedures.
b. Identify routine projections and anatomical structures for radiology exams.
c. Recognize different radiographic equipment and appreciate its uses.

THINKING SKILLS: This course will help students improve the effectiveness of their thinking skills through:

a. Recall prior knowledge and apply to unique situations within the clinical setting.
b. Adapt positioning skills to different types of body structures.
c. Review images and determine changes to improve.

COMMUNICATIONS SKILLS: This course will help students improve their oral and written communication skills through:

a. Relaying instructions to patients and families prior, during, and after radiographic procedures.
b. Relating to patient condition and providing patient care appropriately.

HUMAN DIVERSITY: This course will help students recognize, understand, and appreciate human diversity through:

a. Exploring cultural differences as it relates to all individuals within the healthcare environment.
b. Relating to all aged patients ranging from pediatrics through geriatrics.

Student Learning Outcomes

1. Apply theory to clinical practice.
2. Execute medical imaging procedures under the appropriate level of supervision.
3. Adhere to team practice concepts that focus on organizational theories, roles of team members and conflict resolution.
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. Integrate the use of appropriate and effective written, oral and nonverbal communication with patients, the public and members of the health care team in the clinical setting.
7. Demonstrate professionalism in clinical practice.
8. Apply standard precautions to all patients.
9. Demonstrate competency in the principles of radiation protection standards.
10. Integrate the radiographer’s practice standards into clinical practice setting.
11. Maintain patient confidentiality standards and meet HIPAA requirements.
12. Adhere to national, institutional and departmental standards, policies and procedures regarding care of patients, providing radiologic procedures and reducing medical errors.
13. Select technical factors to produce quality diagnostic images with the lowest radiation exposure possible.
15. Determine corrective measures to improve inadequate images.
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<td>16. Obtain final competency evaluations in specified number of exams.</td>
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<td>17. Exhibit willingness to take responsibility for actions.</td>
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<td>18. Relay patient medical history to the radiologist and other members of the healthcare team.</td>
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<td>19. Demonstrate a progression toward a higher level of confidence and independence.</td>
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<td>20. Exercise critical thinking skills in adapting to trauma and emergency patients, responding appropriately to patient condition.</td>
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| Is this course part of a transfer pathway: | Yes ☐ No ☒ |
| *If yes, please list the competencies below |   |

Revised Date: 8/2020