

Minnesota State College Southeast

RADT 2617: Clinical Practicum 1

A. COURSE DESCRIPTION

Credits: 9

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

For this course, the student will be assigned to a hospital or clinic 36 hours per week for 12 weeks. The assignment will be day shifts only, and at the same clinical site for the entire semester. During this assignment the student will learn clinical radiography on patients of all ages and complete competencies in radiography of the chest, abdomen, upper limb, shoulder girdle, lower limb proximal femur, pelvic girdle, the alimentary canal, urinary system, and general fluoroscopy procedures. The student will practice manipulating technical factors and producing digital images and will provide direct patient care to include radiation protection for the patient and self. The student may be assigned to rotations in trauma, surgery, and fluoroscopy. The student will be supervised directly by the program assigned clinical instructor and indirectly by the programs clinical coordinator. (Prerequisites: RADT2601, RADT2605, RADT2611) (9 Credits: 0 lecture/0 lab/9 OJT)

B. COURSE EFFECTIVE DATES: 06/01/2015 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Apply theory to clinical practice
2. Perform required clinical competencies
3. Demonstrate critical thinking in the performance of radiographic procedures
4. Provide quality patient care
5. Utilize the ALARA principle when selecting technical factors and performing radiation safety in the clinical setting

D. LEARNING OUTCOMES (General)

1. Apply theory to clinical practice
2. Integrate the radiographer's practice standards into the clinical practice setting
3. Perform medical imaging procedures under the appropriate level of supervision
4. Perform required clinical competencies
5. Demonstrate competency in the principles of radiation protection standards
6. Assist in responding to patient emergency
7. Apply standard precautions
8. Assess the patient and record clinical history
9. Examine procedure orders for accuracy and make corrective actions when applicable
10. Use effective communication with patients, public, and health care team in performing radiographic procedures
11. Maintain patient confidentiality
12. Follow ethical and legal guidelines
13. Provide patient-centered clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity or culture
14. Demonstrate the proper principles when transferring patients
15. Demonstrate critical thinking in the performance of radiographic procedures
16. Critique images for appropriate anatomy, image quality and patient identification
17. Determine corrective measures to improve inadequate images
18. Select technical factors to produce quality diagnostic images with the lowest radiation exposure possible (ALARA)
19. Demonstrate a progression toward a higher level of confidence and independence

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted