

# Minnesota State College Southeast

## RADT 2642: Clinical Practicum 2

### A. COURSE DESCRIPTION

Credits: 12

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

For this practicum, students will be assigned 36 hrs/wk to a hospital/clinic. Assignments will be mainly days but may include 2 weeks of evenings and 2 weekend shifts. Student will learn clinical radiography and complete competencies of complete vertebral column, bony thorax, skull, facial bones, and sinuses and continue to learn digital imaging and provide direct patient care. Students may be assigned rotations in general diagnostic radiology, mobile, trauma, surgery, and fluoroscopy. Students will continue to practice and improve all positioning skills. Learning procedures on geriatric and pediatric patients, understanding and operating radiographic image acquisition and processing equipment in terms of department protocol, using critical-thinking skills associated with patient care and radiation protection will be emphasized. Students will be supervised directly by clinical instructor and indirectly by program faculty.(Prerequisites: RADT2617) (12 credits: 0 lecture/0 lab/12 OJT)

**B. COURSE EFFECTIVE DATES:** 08/01/2014 - 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. Demonstrate competency in the principles of radiation protection standards
5. Perform required clinical competencies
6. Respond appropriately to medical emergencies
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
20. Exhibit willingness to take responsibility for actions
21. Apply the appropriate medical asepsis and sterile technique
22. Report equipment malfunctions to the appropriate personnel
23. Obtain competency evaluations as outlined in the course syllabus

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

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

#### **G. SPECIAL INFORMATION**

None noted