

Minnesota State College Southeast

RADT 2673: Clinical Practicum 3

A. COURSE DESCRIPTION

Credits: 3

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/week to a hospital or clinic the last 4 weeks of the semester. Assignment will include days, evenings or weekends if the mandatory 2 weeks of evenings and 2 weekends have not been completed. Students will continue to perfect their practice in digital imaging and provide direct patient care to include radiation protection. Student may be assigned to rotations in general, mobile, trauma, surgery, and fluoroscopy. Optional experience in CT, MRI, or other modalities may be used if available. Improvement in affective skills, radiographic processing, patient care, radiation protection, will be emphasized. Students will be supervised directly by clinical instructor on site and indirectly by program clinical coordinator. Preparation for the national certification exam offered by the American Registry of Radiologic Technologists (ARRT) will be continued in this course. (Prerequisites: RADT2617, RADT2641) (3 credits: 0 lecture/0 lab/3 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. 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. Observe and participate in other ancillary imaging assignments
24. Obtain competency evaluations as outlined in the course syllabus
25. Optional - observe and participate in CT and MRI areas
26. Prepare for the registry/certification examination

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted