

Minnesota State College Southeast

RADT 2643: Radiography Semester 4 Remedial

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 1

Lab Hours/Week: 4

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This remedial course consists of content to prepare the student to reenter the radiography technical program sequence starting the spring semester of 2nd year. The student will maintain competency of the didactic content from the 1st year fall and summer term radiography didactic courses and the Clinical Practicum 1 and 2 courses through various assessment strategies which may include written, online and practical testing in the radiography laboratory. (Prerequisites: BIOL 2512, RADT2600, RADT2605, RADT2610, RADT2615, RADT2620, RADT2625, RADT2630, RADT2635, RADT2640 or RADT2641) (Co-requisite: MATH2515) (3 credits: 1 lecture/2 lab)

B. COURSE EFFECTIVE DATES: 08/22/2011 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

D. LEARNING OUTCOMES (General)

1. Apply didactic 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 patient care clinical competencies
5. Demonstrate competency in the principles of radiation protection standards
6. Apply standard precautions
7. Assess the patient and record clinical history.
8. Examine procedure orders for accuracy and make corrective actions when applicable
9. Use effective communication with patients, public, and health care team in performing radiographic procedures
10. Maintain patient confidentiality
11. Follow ethical and legal guidelines
12. Provide patient-centered clinically effective care for all patients regardless of age, gender, disability, special needs, ethnicity or culture
13. Demonstrate the proper principles when transferring patients
14. Demonstrate critical thinking in the performance of radiographic procedures
15. Critique images for appropriate anatomy, image quality and patient identification
16. Determine corrective measures to improve inadequate images
17. Select technical factors to produce quality diagnostic images with the lowest radiation exposure possible (ALARA)
18. Demonstrate a progression toward a higher level of confidence and independence
19. Exhibit willingness to take responsibility for actions
20. Apply the appropriate medical asepsis and sterile technique
21. Obtain competency evaluations as outlined in the course syllabus
22. Maintain competency of knowledge and psychomotor skills from the following courses previously taken radiography courses at MSC-ST: a. RADT2600 Introduction to Radiologic Sciences , b. RADT2605 Radiographic Imaging 1 , c. RADT2610 Radiographic Positioning and Procedures 1, d. RADT2615 Clinical Practicum 1, e. RADT2620 Equipment Operation and Maintenance, f. RADT2625 Radiographic Positioning and Procedures 2, g. RADT2630 Radiographic Imaging 2, h. RADT2640 Clinical Practicum 2, i. RADT2635 Radiographic Pathology

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted