MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE
COURSE OUTLINE

Faculty is required to have the outline submitted to the Academic Affairs Office. The course outline is the form used for approval of new courses by the Academic Affairs and Standards Council.

DEPT. RADT COURSE NUMBER: 1110

NUMBER OF CREDITS: 4

COURSE TITLE: Radiologic Procedures I

CATALOG DESCRIPTION: provide the student with the knowledge necessary to perform radiographic procedures relative to the upper extremities, lower extremities, shoulder and pelvic girdle. Emphasis will be on radiographic terms, anatomy, positioning, manipulation of radiographic equipment and accessories, and related patient care considerations.

AUDIENCE: Radiologic Technology Students

FULFILLS MN TRANSFER CURRICULUM AREA(S) (Leave blank if not applicable)
Area: by meeting the following competencies:
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PREREQUISITES OR NECESSARY ENTRY SKILLS/KNOWLEDGE: NA

LENGTH OF COURSE: six hours per week

THIS COURSE IS USUALLY OFFERED:
Every other year fall spring summer undetermined

Four goals are emphasized in course at Minnesota West Community & Technical College:

1) ACADEMIC CONTENT: The academic objectives of this course are for the student to demonstrate the ability to accurately position patients for all radiographic exams covered in this course as well as to be able to identify all radiographic anatomy covered within this course.

2) THINKING SKILLS: This course will help students improve the effectiveness of their thinking skills by adopting positioning skills to the specific needs of all patients in the radiology department.
3) COMMUNICATIONS SKILLS: This course will help students improve their oral and written communication skills through simulating patient care situations and the impact that has on the radiology patients.

4) HUMAN DIVERSITY: This course will help students recognize, understand, and appreciate human diversity through exploring cultural influences as it relates to all patients in the radiology department.

TOPICS TO BE COVERED:

See Below.

LIST OF EXPECTED COURSE OUTCOMES:

1. demonstrate proper use of positioning aids
2. discuss general procedural considerations for radiographic examinations
3. adapt general procedural considerations to specific clinical settings
4. cite the structures demonstrated on routine radiographic procedures
5. adapt radiographic procedures based on special considerations
6. simulate radiographic procedures on a person or phantom in a laboratory setting
7. evaluate images for positioning centering, appropriate anatomy and overall image quality
8. discuss equipment and supplies necessary to complete radiographic procedures
9. list and explain the routine and specials views for all radiographic procedures covered in this course
10. identify methods and barriers of communication and describe how each may be utilized or overcome effectively during patient education
11. explain radiographic procedures to patients/family members
12. apply general radiation safety and protection practices associated with radiologic examinations

LEARNING/TEACHING TECHNIQUES used in the course are:

☑ Collaborative Learning ☐ Problem Solving
☐ Student Presentations ☐ Interactive Lectures
☐ Creative Projects ☐ Individual Coaching
☒ Lecture ☐ Films/Videos/Slides
☒ Demonstrations ☐ Other (describe below)
☒ Lab

ASSIGNMENTS AND ASSESSMENTS FOR THIS CLASS INCLUDE:

☒ Reading ☒ Tests ☐ Individual Projects
☐ Oral Presentations ☒ Worksheets ☒ Collaborative Projects
EXPECTED STUDENT LEARNING OUTCOMES:
See above.

The information in this course outline is subject to revision

To receive reasonable accommodations for a documented disability, please contact the campus Student Services Advisor or campus Disability Coordinator as arrangements must be made in advance. In addition, students are encouraged to notify their instructor.

This document is available in alternative formats to individuals with disabilities by contacting the Student Services Advisor or by calling 800-658-2330 or via your preferred Telecommunications Relay Service.

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