

MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

COURSE OUTLINE

DEPT. RADT

COURSE NUMBER:1120

NUMBER OF CREDITS: 5

Lecture: 4 Lab: 1 OJT 0

Course Title:

Radiological Procedures II

Catalog Description:

Radiological Procedures II provides the student with the knowledge necessary to perform radiographic procedure relative to skull imaging, fluoroscopy, trauma, mobile, and surgical radiography. Emphasis will be on radiographic terms, anatomy, positioning, manipulation of radiographic equipment and accessories, and patient care considerations related to radiography of the skull, fluoroscopy, trauma, mobile, and surgery. Basic techniques in venipuncture, contrast media types, intravenous medication and emergency response will also be included.

Prerequisites or Necessary Entry Skills/Knowledge:

RADT 1110

FULFILLS MN TRANSFER CURRICULUM AREA(S) (*Leave blank if not applicable*)

Goal 1: Communication: ____ by meeting the following competencies:

Goal 2: Critical Thinking: ____ by meeting the following competencies:

Goal 3: Natural Sciences: ____ by meeting the following competencies:

Goal 4: Mathematics/Logical Reasoning: ____ by meeting the following competencies:

Goal 5: History and the Social and Behavioral Sciences: ____ by meeting the following competencies:

Goal 6: The Humanities and Fine Arts: ____ by meeting the following competencies:

Goal 7: Human Diversity: ____ by meeting the following competencies:

Goal 8: Global Perspective: ____ by meeting the following competencies:

Goal 9: Ethical and Civic Responsibility: ____ by meeting the following competencies:

Goal 10: People and the Environment: ____ by meeting the following competencies:

Topics to be Covered (General)

Fluoroscopy, Trauma, Mobile, Surgery, Multiple Exams, and Skull

Student Learning Outcomes

Discuss general procedural considerations for radiographic/fluoroscopic examinations.

Cite the structures demonstrated on routine radiographic/fluoroscopic procedures.

Simulate radiographic/fluoroscopic procedures on a person or phantom in a laboratory setting.

Evaluate images for adequate positioning, appropriate anatomy, and overall image quality.

Cite equipment needed, patient preparation and supplies necessary to complete radiographic/fluoroscopic procedures.

Explain the contrast media including the purpose, types, dosage, and route of administration.

Explain radiographic procedures to patients/family members.

Apply general radiation safety and protection practices associated with radiologic examinations.
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Demonstrate venipuncture technique.

Is this course part of a transfer pathway: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Revised Date: 03/28/2023