

# MINNESOTA WEST COMMUNITY & TECHNICAL COLLEGE

## COURSE OUTLINE

DEPT. RADT

COURSE NUMBER: 1105

NUMBER OF CREDITS: 1

Lecture: 1 Lab: 0 OJT: 0

**Course Title:**

Radiographic Basics

**Catalog Description:**

Radiographic Basics provides the student with an overview of radiography and its role within the health care delivery system. A radiographer's responsibilities will be outlined. Students will be oriented to personnel in diagnostic imaging and to the profession. Basic x-ray equipment design and types of diagnostic imaging examinations performed will be introduced.

**Prerequisites or Necessary Entry Skills/Knowledge:**

None.

**Topics to be Covered**

Radiographer role

Modalities in radiologic technology

Diagnostic imaging equipment

Image quality factors

Procedure and positioning guidelines for upper extremity

**Student Learning Outcomes**

Discuss the role of radiographers in the health care delivery system and the health care team.

Discuss the different career opportunities available in and through radiologic technology including radiologic technology education.

Explain basic x-ray tube components and operation.

Explain basic radiographic image quality factors.

Perform basic level procedures in positioning, equipment manipulation, and exam criteria.

**Is this course part of a transfer pathway: Yes  No**

Revised Date: 11/2021