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## SECTION HEADING

### RADT 1105: Radiographic Basics

#### 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.

#### Credits

1

#### Prerequisite

None

#### Corequisite

None

#### Topics to be Covered

1. Radiographer role
2. Modalities in radiologic technology
3. Diagnostic imaging equipment
4. Image quality factors
5. Procedure and positioning guidelines for upper extremity

#### Learning Outcomes

1. Discuss the role of radiographers in the health care delivery system and the health care team.
2. Discuss the different career opportunities available in and through radiologic technology including radiologic technology education.
3. Explain basic x-ray tube components and operation.
4. Explain basic radiographic image quality factors.
5. Perform basic level procedures in positioning, equipment manipulation, and exam criteria.

#### Credit Details

Lecture: 1

Lab: 0

OJT: 0

MnTC Goal Area(s): None