MOHAWK VALLEY COMMUNITY COLLEGE, UTICA-ROME, NY

Radiological Technology

COURSE OUTLINE

1. COURSE DESCRIPTION:

**RT102 Radiographic Procedures/Pathology 1 Lab** C-1, P-4, Cr-3

This course introduces basic terminology, principles of radiographic procedures, and directional terms in relation to the human body. Students practice under simulated conditions in a laboratory setting before performing on patients in a clinical setting. Topics include proper use of radiographic equipment and patient safety issues.

**Prerequisites:** Appropriate high school GPA or placement test score or

MA089 Arithmetic

**Corequisites:** RT100, RT101, RT103, BI216

STUDENT LEARNING OUTCOMES

**Upon completion of this course the student will be able to:**

1. Operate radiographic equipment properly and safely.
2. List and define anatomical and radiographic positioning terms.
3. State the positions utilized for chest and abdomen studies and demonstrate in lab.
4. Properly position the patient for specific projections within each content area.
5. Demonstrate proper radiographic protection practices for the patient and equipment operator.
6. State the contrast media used for content areas and the patient care practices in each.
7. Identify on a radiograph the structures best demonstrated for specific body projections.
8. State and/or demonstrate alternate projections to accommodate for atypical patients.
9. Identify the steps to perform routine radiographic examinations in each content area.
10. Demonstrate critical thinking skills with the application of class and laboratory material to the clinical setting.
11. MAJOR TOPICS:
12. Introduction to Positioning Principles
13. Radiographic Equipment Operation
14. Chest Radiography
15. Upper Gastrointestinal Tract
16. Lower Gastrointestinal Tract
17. Biliary System
18. Urinary System