MOHAWK VALLEY COMMUNITY COLLEGE, UTICA-ROME, NY

Radiological Technology

COURSE OUTLINE

1. COURSE DESCRIPTION:

**RT100 Patient Care I/Ethics** C-, P-, Cr-1

This course prepares the radiologic technology student to evaluate and meet the physical, cultural, and emotional needs of the patient. Topics include basic arrhythmia and basic life support.

**Prerequisites:** An appropriate MVCC Math Placement Test result, MA089

**Corequisites:** RT101Fundamentals of Radiography, RT 102 Radiographic Procedures/Pathology 1, RT 103 Clinical Education Fundamentals, BI 216 Human Anatomy & Physiology 1

1. STUDENT LEARNING OUTCOMES

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

1. Identify qualities needed to be a caring radiologic technologist.
2. Describe the role of a radiologic technologist in taking a clinical history.
3. Describe the importance of clarifying the chief complaint.
4. Define the concepts of body mechanics used in moving and handling a patient.
5. Describe the basic principles of proper lifting and transfer techniques.
6. Demonstrate a range of immobilization techniques.
7. Use immobilization devices effectively and appropriately.
8. Discuss the significance of vital signs: temperature, respiration, pulse, and blood pressure.
9. Describe how vital signs are assessed.
10. Describe the use and indications for lines and tubes.
11. Define terminology related to infection control.
12. Discuss spread of infection and chain of infection
13. Contrast medical and surgical asepsis.
14. Describe the basic premise of standard precautions.
15. Demonstrate precaution techniques.
16. Describe the principles of sterile technique.
17. Describe the signs and symptoms of various medical emergencies.
18. MAJOR TOPICS:
19. Patient Moving and Handling
20. Immobilization
21. Patient Interactions/Communications
22. History Taking
23. Infection Control
24. Aseptic Technique
25. Non-Aseptic Technique
26. Vital Signs, Oxygen, Chest Tubes, & Lines
27. Medical Emergencies