MOHAWK VALLEY COMMUNITY COLLEGE, UTICA-ROME, NY

Surgical Technology

COURSE OUTLINE

1. COURSE DESCRIPTION:

**ST120 Surgical Instrumentation** C-2, CR-2

This course introduces students to common surgical instrumentation. Topics include instrument identification, function and grades, and proper instrumentation handling and usage in various surgical services. Suture material and needles by type and function are also covered.

**Prerequisites:** None.

**Corequisites:** None.

1. STUDENT LEARNING OUTCOMES

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

1. Describe the role and duties of a sterile processing technician.
2. Describe the proper care and handling of surgical instrumentation before, during, and after surgical procedures.
3. Identify the grades of surgical instrumentation.
4. Demonstrate the use of surgical instruments and supplies, and medical equipment.
5. Identify the names and uses of special equipment related to surgical specialty and other medical specialties.
6. Define and give an overview of the purpose of surgical instrumentation by surgical specialty.
7. Identify hospital departments that relate to the sterile processing technician in providing quality patient care.
8. MAJOR TOPICS:
9. Introduction to Surgical Instruments
   1. Instrument grades
   2. Categorizing by function
   3. Use of instruments by tissue type
   4. Use and application of instrument tape.
10. Care and Handling of Instruments
    1. Before, during, and after surgery
11. Basic Instruments by Service
    1. General, laparoscopic, robotic, OB/GYN, GU, Ophthalmic, ENT, Plastics, neurosurgical cardiovascular, and thoracic.
12. Surgical Suture and Needles
    1. Needle Types
    2. Packaging and dispensing
    3. Suture material