MOHAWK VALLEY COMMUNITY COLLEGE, UTICA-ROME, NY

Surgical Technology

COURSE OUTLINE

1. COURSE DESCRIPTION:

**ST220 Sterile Processing Clinical Practice** P-8 CR-6

This course partners students with experienced sterile processing technicians. As students transition to a more active role, they will concentrate in the cleaning and sterilization of surgical instruments and other medical equipment. Students are expected to interact with personnel from all areas of the hospital and be involved in distribution of medical supplies throughout the healthcare facility.

**Prerequisites:** ST120 Surgical Instrumentation

**Corequisites:** BI209 Basic Pathophysiology

1. STUDENT LEARNING OUTCOMES

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

1. Perform in the role as a sterile processing technician.
2. Participate in the cleaning of surgical instrumentation and equipment.
3. Demonstrate the use of surgical instruments and supplies, and medical equipment.
4. Identify the names and uses of special equipment related to surgical specialty and other medical specialties.
5. Identify the grades of surgical instrumentation.
6. Define and give an overview of the purpose of surgical instrumentation.
7. Demonstrate the proper care and handling of surgical instrumentation before and after surgical procedures.
8. MAJOR TOPICS:
9. 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
13. Medical Equipment and Supplies