

**SEWARD COUNTY COMMUNITY COLLEGE
COURSE SYLLABUS**

I. TITLE OF COURSE: ST1013- Surgical Technology Lab

**II. COURSE DESCRIPTION: 3 credit hours
0 credit hours of lecture and 3 credit hours of lab per week.**

This is a three credit hour laboratory course designed to expand the student's knowledge using hands-on instruction necessary to learn the perioperative skills required to enter the clinical setting and to function as a beginning surgical technologist. This course includes supervised practice in the lab and instruction on the basic concepts necessary to establish, maintain, and coordinate tasks required for good patient care in the perioperative setting. Students will apply aseptic technique, surgical principles and surgical conscience in learning and demonstrating the skills specific to those of the first scrub, second scrub and assistant circulator roles. Upon completion of this course the student will demonstrate understanding in the cognitive, psychomotor and affective learning domains related to principles and practice of surgical technology as outlined in the Core Curriculum for Surgical Technology, 6th Ed.

For each unit of credit, a minimum of three hours per week with one of the hours for class and two hours for studying/preparation outside of class is expected.

Pre-requisite: Admission into the ST Program.

III. PROGRAM AND/OR DEPARTMENT MISSION STATEMENT:

The SCCC Surgical Technology program will provide an education forum responsive to the needs of the student and also responsive to the health care community, both locally and nationally, focusing on professionalism and contributing to quality and patient care.

IV. TEXTBOOK AND MATERIALS:

1. AST. (2014) Surgical Technology for the Surgical Technologist: A Positive Care Approach, 5th Ed. Clifton Park, NY: Cengage Learning with MindTap.
2. Phillips, N., Sedlak P. (2017) Surgical Instrumentation, 2nd Ed. Clifton Park, NY: Delmar Cengage Learning with Mind Tap.
3. Thomas, C.L. (Ed.). (2013). Taber's Cyclopedic medical dictionary. (22nd ed.). Philadelphia, PA: F.A. Davis

V. SCCC OUTCOMES

Students who successfully complete this course will demonstrate the ability to do the following SCCC Outcomes.

5: Demonstrate the ability to think critically by gathering facts, generating insights, analyzing data, and evaluating information

9: Exhibit workplace skills that include respect for others, teamwork competence, attendance/punctuality, decision making, conflict resolution, truthfulness/honesty, positive attitude, judgment, and responsibility

VI. COURSE OUTCOMES:

1. Pre-operative – Demonstrate ability to prepare the operating room, supplies and instrumentation, equipment and furniture, self and staff, and the patient for a surgical case.

2. Intraoperative- Demonstrate ability to successfully complete the tasks required for intraoperative case management.
3. Postoperative – Demonstrate ability to perform appropriate postoperative case management duties in an organized manner.
4. Assistant Circulator Role – Demonstrate ability to perform duties required as the surgical technologist in the assistant circulator role.
5. Disinfection and Sterilization – Perform decontamination of the OR environment and processes required for sterilization of instruments.

VII. COURSE OUTLINE:

1. Surgical Attire/Surgical Hand Scrub
2. Gowning and Gloving
3. Open Gloving/Opening Sterile Supplies
4. Pouring Liquids/Gowning and Gloving other team members
5. Blood Bourne Pathogens/Replacing Attire during surgery
6. Open Lab with active participation
7. Skills Checkoffs
8. Learning field trip to clinical site
9. Pre-case preparation/sterile field set up
10. Basic Laparotomy Draping
11. Instrument Passing/Medication Handling
12. Surgical Counts
13. Suture/Loading Suture
14. Open Lab with practice
15. Skills Check off
16. Transportation and Positioning of the Surgical Patient
17. Sterilization Process
18. Extremity and Lithotomy Draping
19. Urinary Catheterization/Vital Signs
20. Skin Prep of the Surgical Patient
21. Learning Field trip to clinical site
22. Learning field trip/scrub into first case

VIII. INSTRUCTIONAL METHODS:

Lecture, skills lab exercises, demonstration, simulation and video tutorials.

IX. INSTRUCTIONAL AND RESOURCE MATERIALS:

Internet video subscription and Surgical Technology content specific subscriptions, handouts, audio visual media, textbooks, current periodicals.

X. METHODS OF ASSESSMENT:

SCCC Outcome # 5 will be assessed and measured by class participation, quiz grades, and clinical skills check-off competency.

SCCC Outcome # 9 Will be assessed daily through the students participation in lab and working with each other.

XI. ADA STATEMENT:

Under the Americans with Disabilities Act, Seward County Community College will make reasonable accommodations for students with documented disabilities. If you need support or assistance because of a disability, you may be eligible for academic accommodations. Students

should identify themselves to the Dean of Students at 620-417-1106 or going to the Student Success Center in the Hobbie Academic building, room 149 A.

Syllabus Reviewed: 9/2/2020