

SOUTHEAST COMMUNITY COLLEGE
HEALTH SCIENCES DIVISION
SURGICAL TECHNOLOGY
Revision Date: 10/2025

I. CATALOG DESCRIPTION

Course Number: SURT 1850
Course Title: Clinical Education 2
Prerequisite(s): SURT 1750

Catalog Description: Adapting to a new hospital environment with further development in efficiency and consistency of student's clinical skills, aseptic technique, and instrument knowledge during operative procedures.

Credit Hours: 6
Class Hours: 0
Lab Hours: 270
Total Contact Hours: 270

II. COURSE OBJECTIVES: *Course will:*

1. Offer the student opportunities to gain confidence functioning as a member of the surgical team during the preoperative, intraoperative, and postoperative phases of the surgical procedure in a new hospital setting.
2. Provide the student with clinical experiences a new hospital setting during which they can apply their knowledge of aseptic technique and critical thinking skills.
3. Allow the student to demonstrate advancement in efficiency and consistency related to previously learned skills of the role of the surgical technologist during surgical procedures in a new hospital setting.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

A. STUDENT LEARNING OUTCOMES: *Students will be able to:*

1. Demonstrate principles of communication in the surgical setting.
2. Demonstrate body language and non-verbal communication.
3. Demonstrate principles of teamwork in the surgical environment.
4. Demonstrate the key elements related to developing a surgical conscience.
5. Demonstrate responsible and accountable behavior within the role and competencies of the surgical technologist.
6. Demonstrate electrical safety.
7. Demonstrate knowledge of operating the electrosurgical unit.
8. Demonstrate proper care and handling of surgical lasers.
9. Demonstrate patient and healthcare provider safety in relationship to lasers in a surgical setting.
10. Demonstrate the assembly of various types of equipment.
11. Demonstrate the use of various types of equipment.
12. Demonstrate the care of various types of equipment.
13. Demonstrate perioperative instrument handling.
14. Demonstrate proper transport of instrumentation.

15. Demonstrate the role of the surgical technologist in the application of surgical supplies.
16. Demonstrate proper sterile technique in a surgical environment.
17. Demonstrate point-of-use cleaning methods.
18. Demonstrate the use of various types of sterilization machines.
19. Demonstrate proper technique in storing, handling, and distributing sterile supplies.
20. Describe the use of the surgeon's preference card.
21. Demonstrate opening sterile supplies.
22. Demonstrate the procedure to correct contaminations during the opening process.
23. Demonstrate the process of organizing the sterile field.
24. Demonstrate the principles of economy of motion.
25. Demonstrate the principles of spatial awareness when organizing the sterile field.
26. Demonstrate the finalization of the sterile field.
27. Demonstrate modifications to setting up the sterile field that must be taken when a special circumstance occurs.
28. Demonstrate the steps of a medical hand wash.
29. Demonstrate the steps for preparing to complete a surgical scrub.
30. Demonstrate the steps of performing a surgical scrub.
31. Apply the principles of asepsis to gowning and gloving self.
32. Apply the principles of asepsis to gowning and gloving other team members.
33. Demonstrate the procedure for counting sponges, sharps, instruments, and accessory items on the field.
34. Demonstrate the principles of asepsis when draping the patient, furniture, and equipment.
35. Demonstrate participation in the Surgical Safety Checklist process.
36. Participate in the identification process of a surgical patient.
37. Demonstrate the principles of safe patient transport and transfer.
38. Demonstrate basic positioning of the surgical patient.
39. Demonstrate urinary catheterization.
40. Demonstrate skin preparation.
41. Demonstrate techniques for tissue exposure.
42. Demonstrate sharps safety.
43. Demonstrate fire safety precautions during the intraoperative surgical phase.
44. Demonstrate correctly passing instruments.
45. Demonstrate methods for monitoring the sterile field.
46. Demonstrate performing counts.
47. Demonstrate transfer of care.
48. Demonstrate managing medications.
49. Demonstrate techniques for handling various types of specimens.
50. Demonstrate handling of various types of sponges on the sterile field.
51. Demonstrate application of various types of dressings.
52. Demonstrate the surgical technologist's role in hemostasis.
53. Demonstrate proper suture selection, preparation, handling, and cutting techniques.
54. Demonstrate proper placement, handling, loading, and disposal of surgical needles.
55. Demonstrate the application of the principles of asepsis to basic wound care techniques.
56. Demonstrate specimen handling and the validation process.
57. Demonstrate the preparation of surgical dressings.
58. Demonstrate the application of surgical dressings.
59. Demonstrate the breakdown of the sterile field.

60. Demonstrate disinfection of the surgical environment.
61. Demonstrate the perioperative duties of the assistant circulator to include documentation.
62. Surgical Rotation Case Requirements:
 - a. Describe the purpose of the observation role.
 - b. Develop professional competency by performing in the scrub role during an arranged clinical experience.
 - c. Evaluate the development of professionalism throughout clinical experiences using various methods.
 - d. Utilize sufficient documentation for verifying cases and roles performed.
 - e. Demonstrate procedural proficiency by completing a minimum of 120 surgical cases throughout both SURT1750 and SURT1850 courses.

B. GENERAL EDUCATION LEARNING OUTCOMES

1. GELO 3: Critical Thinking & Problem Solving

Synthesize information to arrive at reasoned solutions to problems.

2. GELO 6: Career and Life Skills

Employ effective interpersonal and intrapersonal communication skills.

IV. CONTENT/TOPICAL OUTLINE: (*course outline may provide more detailed information*)

- A. Unit 1 Successful clinical experience through constructive behaviors
- B. Unit 2 Aseptic principles in a new environment
- C. Unit 3 Pre-case duties of the student Surgical Technologist
- D. Unit 4 Intraoperative Phase duties of the student Surgical Technologist
- E. Unit 5 Duties of a student circulating Surgical Technologist

V. INSTRUCTIONAL MATERIALS

A. Required Text(s):

Association of Surgical Technologists. *Surgical Technology for the Surgical Technologist* (current edition)
 Nemitz, Renee. *Surgical Instrumentation: An Interactive Approach* (current edition)
 Pieknik, R. *Suture and Surgical Hemostasis; A Pocket Guide* (current edition)
 Goldman, M. A. *Pocket Guide to the Operating Room* (current edition)

B. Other Resources:

Trajecsys Reporting System access

VI. METHODS OF PRESENTATION/INSTRUCTION

A. Methods of presentation typically include a combination of the following:

1. Clinical experience within an assigned clinical institution. May include lecture video, demonstration, syllabus objectives, class participation, and hospital staff direction.

VII. METHODS OF EVALUATION

SCC STANDARD GRADING SCALE POLICY:

A+	95-100	C+	75-79
A	90-94	C	70-74
B+	85-89	D+	65-69
B	80-84	D	60-64
		F	Below 60

VIII. SPECIFIC COURSE REQUIREMENTS CLINICAL EVALUATIONS AND GRADES:

For specific course requirements please see the Course Information Document (CID) and Program Handbook.

Minimum passing final grade for this course is a 75% (C+). Below 75% = recycle and repeat the course. This course cannot be taken as PASS/FAIL.