

**SOUTHEAST COMMUNITY COLLEGE
HEALTH SCIENCES DIVISION
SURGICAL FIRST ASSISTING**

Revision Date: 11/2022

[Syllabus Statements](#)

I. CATALOG DESCRIPTION

Course Number: SUFA1020
Course Title: Fundamentals of Surgical First Assisting
Prerequisite(s): Admission into the Surgical First Assisting Program.

Catalog Description: This course covers the theory and practice in pre-operative, intra-operative and post-operative functions and techniques of a Surgical First Assistant.

Credit Hours: 3
Class Hours: 38
Lab Hours: 23
Total Contact Hours: 61

II. COURSE OBJECTIVES: *Course will:*

1. Offer the student opportunities to gain confidence functioning as a Surgical First Assistant for the surgical team during the preoperative phases of the surgical procedure in a healthcare facility.
2. Offer the student opportunities to gain confidence functioning as a Surgical First Assistant for the surgical team during the intraoperative and postoperative phases of the surgical procedure in a healthcare facility.
3. Allow the student to demonstrate advancement in efficiency and consistency related to tissue handling and wound closure.
4. Allow the student to practice skills in a lab setting.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

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

1. Demonstrate entry level skills in the role of the Surgical First Assistant including appropriate cognitive, psychomotor and affective skills.
2. Discuss physiological monitoring of patients undergoing surgery and the placement of monitoring devices.
3. Explain various methods of postoperative pain control.
4. Demonstrate the preparation of the patient prior to surgery.
5. Demonstrate understanding of methods of tissue handling and techniques of instrument use.
6. Demonstrate methods of providing visualization of the operative site and of hemostasis.
7. Demonstrate appropriate methods of tissue approximation.

8. Discuss actions that complete a surgical procedure.
9. Demonstrate understanding of methods of blood volume replacement.
10. Discuss human thermoregulatory mechanisms and their considerations for surgery.
11. Describe special considerations in selected types of surgical procedures with in the course.

B. GENERAL EDUCATION LEARNING OUTCOMES

GELO 3: Critical Thinking and Problem Solving

Outcome: Synthesize information to arrive at reasoned solutions to problems.

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

1. Theory Components:

- A. Unit 1 Patient Monitoring
- B. Unit 2 Pain Control
- C. Unit 3 Preoperative Patient Preparation
- D. Unit 4 Tissue Handling and Techniques
- E. Unit 5 Visualization and Hemostasis of the Operative Site
- F. Unit 6 Methods of Tissue Approximation
- G. Unit 7 Specimen's, Dressings and Drain Placement
- H. Unit 8 Blood Volume Replacement
- I. Unit 9 Thermoregulatory Mechanisms
- J. Unit 10 Special Considerations in Surgical Procedures

2. Laboratory Components:

1. Clinical documentation and case logs
2. Incisions, suture techniques, tying techniques, and stapling
3. Local injections and drain placement
4. Trocar insertion and laparoscopic manipulation
5. Urinary catheterization, tourniquet placement, casting, and wound vac placement
6. Robotic overview

V. INSTRUCTIONAL MATERIALS

A. Required Text(s):

1. Rothrock, Alexander's **Care of the Patient in Surgery (current edition)**
2. Trajecsys Reporting System access

VI. METHODS OF PRESENTATION/INSTRUCTION

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

Lecture with Power Point slides, videos, demonstration, course objectives, class and lab, laboratory practice, assigned readings in textbooks.

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

For specific course requirements see the Course Information Document (CID) and program handbook.