

**SOUTHEAST COMMUNITY COLLEGE
HEALTH SCIENCES DIVISION
SURGICAL FIRST ASSIST
Revision Date: 11/2023**

I. CATALOG DESCRIPTION

Course Number: SUFA 1010
Course Title: Advanced Surgical Anatomy
Prerequisite(s): Admission into the Surgical First Assist Program

Catalog Description: Correlation of surgical anatomy to surgery of the various body systems. Compare and contrast normal anatomy to the pathophysiology as it relates to surgical procedures. Describe specific diseases and disorders that can affect a patient. Discuss the intraoperative role and duties of the surgical assistant according to the procedure being performed.

Credit Hours: 4
Class Hours: 60
Lab Hours: 0
Total Contact Hours: 60

II. COURSE OBJECTIVES: *Course will:*

1. Correlate the relevant advanced surgical anatomy to the surgical procedure.
2. Correlate the relevant pathophysiology to the surgical procedure.
3. Discuss newly implemented surgical procedures.
4. Discuss modifications of surgical procedures as related to approach including: Open, MIS, Robotic, and any other technological advancements currently in use.
5. Discuss the postoperative care of the surgical wound.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES:

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

1. Describe specific diseases and disorders (comorbidities) that can affect patient outcomes, lead to surgical emergencies, or add increased risk.
2. Demonstrate an understanding of evaluating diagnostic images as related to surgical anatomy.
3. Analyze the specific patient care factors the surgical assistant should coordinate with the surgical team.

B. GENERAL EDUCATION LEARNING OUTCOMES

1. 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. Thoracic Cavity
2. Vertebral Column
3. Abdominal Cavity
4. Genitourinary and Posterior Abdominal Wall
5. Pelvis and Perineum
6. Lower Extremities
7. Cranium and Brain
8. Head and Neck
9. Mammary and Axilla
10. Upper Extremities
11. Peripheral Vascular
12. Plastic and Reconstructive

V. INSTRUCTIONAL MATERIALS

A. Required Text(s):

Rothrock, *Alexander's Care of the Patient in Surgery* (current edition)

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 participation, 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

A grade of C+ is the minimum passing grade for Advanced Surgical Anatomy course.

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